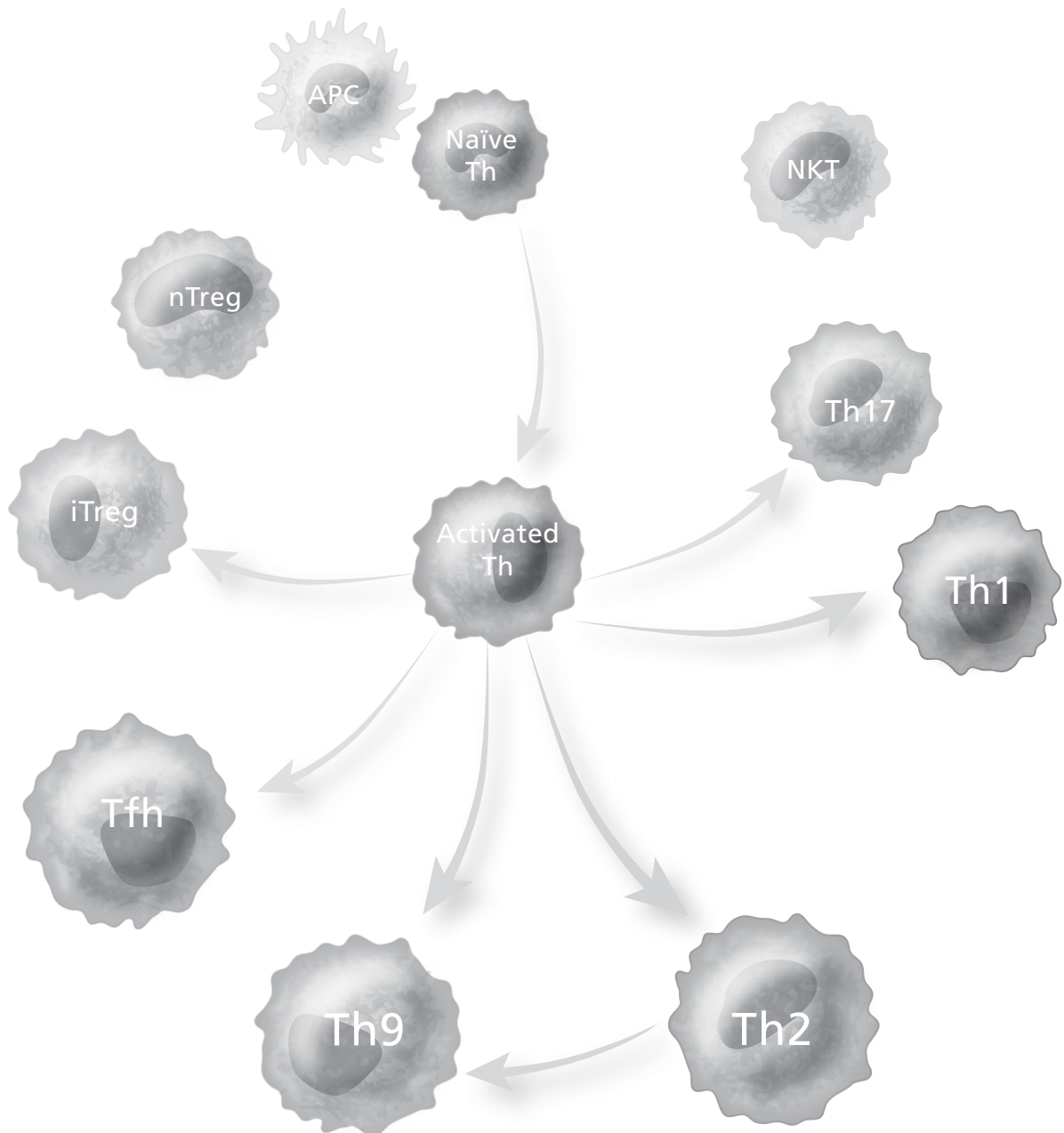


---

BD Biosciences  
**T Cell Reagents**

---

**Product List**



## Overview

This page provides an overview of markers for T cell research offered by BD Biosciences, grouped by area of relevance. Markers are designated as being surface or intracellular. Intracellular markers include cytoplasmic and nuclear molecules, as well as cytokines.\*

For the most up-to-date product listing, please visit [bdbiosciences.com/tcell](http://bdbiosciences.com/tcell).

### Common Markers

#### Surface

CD2  
CD3  
CD4  
CD5  
CD8  
CD11 $\alpha$   
CD27  
CD45  
 $\alpha\beta$ TCR  
 $\gamma\delta$ TCR

### Activation Markers

#### Surface

CD25  
CD38  
CD69  
CD71  
CD98  
HLA-DR

### Costimulatory Markers

#### Surface

CD28  
CD30  
CD49  
CD134 (OX-40)  
CD137 (4-1BB)  
CD152 (CTLA-4)  
CD154 (CD40L)  
CD278 (ICOS)  
CD279 (PD-1)  
GITR

### TCR Signaling Markers

#### Intracellular

Bcl-10  
Erk1/2  
Fyn  
ITK  
Jnk1  
c-jun  
LAT  
Lck  
MEK1/2  
NF- $\kappa$ B  
p38  
PKC $\theta$   
PLC $\gamma$ 1  
SLP-76  
Zap-70

### Transcription Factors

#### Intracellular

FoxP3  
GATA3  
Stat1  
Stat3  
Stat4  
Stat5  
Stat6  
T-bet

### Naïve Th Cells

#### Surface

CD44  
CD45RA  
CD45RB  
CD62L  
CD184 (CXCR4)  
CD197 (CCR7)

### Inducible Treg (iTreg) Cells

#### Surface

CD25  
CD103  
CD127  
CD134 (OX-40)  
CD137 (4-1BB)  
CD152 (CTLA-4)  
GITR

#### Intracellular

FoxP3  
IL-2  
IL-10  
Stat5  
TGF- $\beta$

### Natural Treg (nTreg) Cells

#### Surface

CD25  
CD39  
CD45RA  
CD103  
CD127  
CD134 (OX-40)  
CD137 (4-1BB)  
CD152 (CTLA-4)  
CD194 (CCR4)  
CD197 (CCR7)  
CD279 (PD-1)  
Folr4/FR4  
GITR  
HLA-DR

#### Intracellular

FoxP3  
IL-10  
Stat5  
TGF- $\beta$

### Th1 Cells

#### Surface

CD183 (CXCR3)  
CD195 (CCR5)  
IL-12R $\beta$ 2  
IL-18R $\alpha$

#### Intracellular

Granulysin  
Granzyme B  
IFN- $\gamma$   
IL-2  
IL-12p70  
LT- $\alpha$   
Perforin  
Stat1  
Stat4  
TNF  
T-bet

### Th2 Cells

#### Surface

CD193 (CCR3)  
CD194 (CCR4)  
CD294 (CRTh2) (Hu)

#### Intracellular

GATA3  
IL-2  
IL-4  
IL-5  
IL-6  
IL-13  
Stat5  
Stat6

### Th9 Cells

#### Intracellular

GATA3  
IL-4  
IL-9  
IL-10  
Stat6  
TGF- $\beta$

### Th17 Cells

#### Surface

CD126 (IL-6R)  
CD161/NK1  
CD194 (CCR4)  
CD196 (CCR6)  
CD278 (ICOS)

#### Intracellular

IL-1  
IL-6  
IL-17A  
IL-17F  
IL-21  
IL-23  
Stat3  
TGF- $\beta$   
TNF

### T Follicular Helper (Tfh) Cells

#### Surface

CD44  
CD57  
CD126 (IL-6R)  
CD185 (CXCR5)  
CD272 (BTLA)  
CD278 (ICOS)  
CD279 (PD-1)  
IL-21R

#### Intracellular

IL-6  
IL-21

### Natural Killer T Cells (NKT)

#### Surface

CD56 (Hu)  
CD161/NK1 (Ms)  
NKG2

#### Intracellular

IFN- $\gamma$   
IL-4  
IL-17A

\*Cytokines are necessary for cell differentiation. Those listed under a cell type may be either those a cell responds to or a cell produces.

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
CD2 (LFA-2)	Hu	L303.1	Mouse IgG <sub>2b</sub>	FCM	RUO (GMP)	PE-Cy <sup>TM</sup> 7	100 tests	335786		
				FCM	RUO (GMP)	Purified	100 tests	347590		
				FCM	RUO (GMP)	APC	100 tests	341022		
				FCM	RUO (GMP)	FITC	100 tests	347593		
				FCM	RUO (GMP)	PE	100 tests	347597		
				FCM	RUO (GMP)	PE	100 tests	347597		
		RPA-2.10	Mouse IgG <sub>1</sub> , κ	FA, FCM	RUO	NA/LE	0.5 mg	555323		
				FCM	RUO	Purified	0.1 mg	555324		
				FCM	RUO	Biotin	100 tests	555325		
				FCM	RUO	FITC	100 tests	555326		
				FCM	RUO	PE	100 tests	555327		
				FCM	RUO	PE	100 tests	555327		
				FCM	RUO	PE-Cy <sup>TM</sup> 5	100 tests	555328		
				FCM	RUO	PE-Cy <sup>TM</sup> 5	100 tests	555328		
CD3	Hu	HIT3a	Mouse IgG <sub>2a</sub> , κ	FA, FCM	RUO	NA/LE	0.5 mg	555336		
				IHC(Fr)	RUO	Purified	1 mL	550367		
				FCM	RUO	Purified	0.1 mg	555337		
				FCM	RUO	Biotin	100 tests	555338		
				FCM	RUO	APC	100 tests	555342		
				FCM	RUO	FITC	100 tests	555339		
				FCM	RUO	PE	100 tests	555340		
				FCM	RUO	PE-Cy5	100 tests	555341		
				SK7	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	347340
						FCM	RUO (GMP)	AmCyan	100 tests	339186
						FCM	RUO (GMP)	APC	100 tests	340440
						FCM	RUO (GMP)	APC-Cy7	100 tests	341090
						FCM	RUO (GMP)	APC-H7	100 tests	641397
						FCM	RUO (GMP)	PE	100 tests	347347
						FCM	RUO (GMP)	PE-Cy7	100 tests	341091
						FCM	RUO (GMP)	PerCP	100 tests	347344
						FCM	RUO (GMP)	PerCP-Cy <sup>TM</sup> 5.5	50 tests	340949
						FCM	RUO	APC-Cy7	100 tests	557832
		FCM	RUO			APC-H7	25 tests	560275		
		FCM	RUO			APC-H7	100 tests	560176		
		UCHT1	Mouse IgG <sub>1</sub> , κ	FA, FCM	RUO	NA/LE	0.5 mg	555329		
				IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550368		
				FCM	RUO	Purified	0.1 mg	555330		
				FCM	RUO	Biotin	100 tests	555331		
				FCM	RUO	Alexa Fluor® 488	100 tests	557694		
				FCM	RUO	Alexa Fluor® 647	100 tests	557706		
				FCM	RUO	Alexa Fluor® 700	25 tests	561027		
				FCM	RUO	Alexa Fluor® 700	0.1 mg	557943		
				FCM	RUO	APC	100 tests	555335		
				FCM	RUO	FITC	100 tests	555332		
				IC/FCM	RUO	FITC	100 tests	555916		
				CD3ε	Hu	APA1/1	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	APC
		IC/FCM	RUO					PE	100 tests	558260
		IC/FCM	RUO					FITC	100 tests	558261
		FCM	RUO					BD Horizon <sup>TM</sup> V450	30 tests	560366
		FCM	RUO					BD Horizon V450	120 tests	560365
		FCM	RUO					Pacific Blue <sup>TM</sup>	0.1 mg	558117
		FCM	RUO					PE	100 tests	555333
		FCM	RUO					PE-Cy5	100 tests	555334
		FCM	RUO					PerCP-Cy5.5	50 tests	560835
		FCM	RUO					PerCP-Cy5.5	50 tests	560835
		FCM	RUO					PerCP-Cy5.5	50 tests	560835

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
CD4	Hu	L200	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE-Cy7	50 tests	560644		
			Mouse IgG <sub>1</sub> , κ	IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550369		
		RPA-T4	Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555344		
			FA, FCM	RUO	NA/LE	0.5 mg	555343			
			FCM	RUO	Biotin	100 tests	555345			
			FCM	RUO	Alexa Fluor® 488	100 tests	557695			
			FCM	RUO	Alexa Fluor® 647	100 tests	557707			
			FCM	RUO	Alexa Fluor® 700	0.1 mg	557922			
			FCM	RUO	APC	100 tests	555349			
			FCM	RUO	APC-Cy7	100 tests	557871			
			FCM	RUO	APC-H7	25 tests	560251			
			FCM	RUO	APC-H7	100 tests	560158			
			FCM	RUO	FITC	100 tests	555346			
			FCM	RUO	BD Horizon V450	30 tests	560346			
			FCM	RUO	BD Horizon V450	120 tests	560345			
			FCM	RUO	BD Horizon™ V500	25 tests	560769			
			FCM	RUO	BD Horizon V500	100 tests	560768			
			FCM	RUO	Pacific Blue™	0.1 mg	558116			
			FCM	RUO	PE	100 tests	555347			
			FCM	RUO	PE-Cy5	100 tests	555348			
			FCM	RUO	PE-Cy7	50 tests	560649			
			FCM	RUO	PerCP-Cy5.5	50 tests	560650			
			SK3	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE-Cy7	100 tests	557852	
					FCM	RUO (GMP)	Purified	200 tests	346320	
					FCM	RUO (GMP)	Biotin	100 tests	347321	
					FCM	RUO (GMP)	AmCyan	100 tests	339187	
					FCM	RUO (GMP)	APC	100 tests	340443	
					FCM	RUO (GMP)	APC-Cy7	100 tests	341095	
					FCM	RUO (GMP)	APC-H7	100 tests	641398	
					FCM	RUO (GMP)	PE	100 tests	347327	
		FCM			RUO (GMP)	PE-Cy7	100 tests	348789		
		FCM			RUO (GMP)	PerCP	100 tests	347324		
	SK3, SK4	Mouse IgG <sub>1</sub>	FCM	RUO (GMP)	PerCP-Cy5.5	50 tests	341654			
			FCM	RUO (GMP)	FITC	100 tests	347413			
	CD4 v4	Hu	L120	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	PE	50 tests	340419	
				FCM	RUO (GMP)	FITC	50 tests	340422		
	CD5	Hu	L17F12	Mouse IgG <sub>2a</sub> , κ	FCM	RUO (GMP)	Purified	200 tests	346300	
					FCM	RUO (GMP)	Biotin	100 tests	347301	
					FCM	RUO (GMP)	APC	100 tests	340583	
					FCM	RUO (GMP)	FITC	100 tests	347303	
					FCM	RUO (GMP)	PE	100 tests	347307	
FCM					RUO (GMP)	PE-Cy7	100 tests	348790		
FCM					RUO (GMP)	PerCP-Cy5.5	50 tests	341089		
UCHT2					Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555350
						FCM	RUO	Biotin	100 tests	555351
						FCM	RUO	Alexa Fluor® 700	50 tests	561159
			FCM	RUO		APC	100 tests	555355		
			FCM	RUO		FITC	100 tests	555352		
FCM			RUO	PE	100 tests	555353				
FCM			RUO	PE-Cy5	100 tests	555354				

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.							
CD8	Hu	G42-8	Mouse IgG <sub>2a</sub> κ	FCM	RUO	Purified	0.1 mg	551346							
				FCM	RUO	FITC	0.1 mg	551347							
				FCM	RUO	NA/LE	0.5 mg	555630							
		HIT8a	Mouse IgG <sub>1</sub> κ	FCM	IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550372						
					FCM, IHC(Fr)	RUO	Purified	0.1 mg	555631						
					FCM	RUO	FITC	100 tests	555634						
					FCM	RUO	PE	100 tests	555635						
					FCM	RUO	PE-Cy5	100 tests	555636						
					RPA-T8	Mouse IgG <sub>1</sub> κ	FCM	NA/LE	RUO	Purified	0.1 mg	555364			
								FCM, IHC(Fr)	RUO	Biotin	100 tests	555365			
								FCM	RUO	Alexa Fluor® 488	100 tests	557696			
								FCM	RUO	Alexa Fluor® 647	100 tests	557708			
								FCM	RUO	Alexa Fluor® 700	0.1 mg	557945			
								FCM	RUO	APC	100 tests	555369			
								FCM	RUO	FITC	100 tests	555366			
								FCM	RUO	BD Horizon V450	30 tests	560348			
								FCM	RUO	BD Horizon V450	120 tests	560347			
								FCM	RUO	BD Horizon V500	25 tests	560775			
								FCM	RUO	BD Horizon V500	100 tests	560774			
								SK1	Mouse (BALB/c) IgG <sub>1</sub> κ	FCM	Pacific Blue™	RUO		0.1 mg	558207
					FCM	RUO	PE				100 tests	555367			
	FCM	RUO	PE-Cy5	100 tests	555368										
	FCM	RUO	PE-Cy7	100 tests	557746										
	FCM	RUO	PerCP-Cy5.5	50 tests	560662										
	FCM	RUO (GMP)	Purified	200 tests	346310										
	FCM	RUO (GMP)	AmCyan	100 tests	339188										
	FCM	RUO (GMP)	APC	100 tests	340584										
	FCM	RUO (GMP)	APC-Cy7	100 tests	348793										
	FCM	RUO (GMP)	APC-H7	100 tests	641400										
	FCM	RUO (GMP)	FITC	100 tests	347313										
	CD8b	Hu	2ST8.5H7	Mouse IgG <sub>2a</sub> κ	FCM	RUO (GMP)	APC	100 tests	641058						
					FCM	RUO (GMP)	PE	50 tests	641057						
					CD11a (Integrin α <sup>L</sup> chain, LFA-1α)	Hu	G-25.2	Mouse IgG <sub>2a</sub> κ	FCM	RUO (GMP)	FITC	100 tests	347983		
									G43-25B	Mouse IgG <sub>2a</sub> κ	FCM	RUO	NA/LE	0.5 mg	555377
											FCM	RUO	Purified	0.1 mg	555378
											FCM	RUO	FITC	100 tests	555379
							FCM	RUO			PE	100 tests	555380		
							27	Mouse IgG <sub>1</sub> κ	IF, WB	RUO	Purified	50 µg	610826		
									IF, WB	RUO	Purified	150 µg	610827		
							Dog, Hu, Rab	Hu111	Mouse IgG <sub>1</sub> κ	FA, FCM, IHC(Fr)	RUO	NA/LE	0.5 mg	555381	
	FCM	RUO	Purified	0.1 mg	555382										
	FCM	RUO	APC	100 tests	559875										
FCM	RUO	FITC	100 tests	555383											
FCM	RUO	PE	100 tests	555384											
FCM	RUO	PE-Cy5	100 tests	551131											

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
CD25 (IL-2 Receptor $\alpha$ chain)	Hu	2A3	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO (GMP)	Purified	100 tests	347640				
				FCM	RUO (GMP)	APC	100 tests	340939				
				FCM	RUO (GMP)	FITC	100 tests	347643				
				FCM	RUO (GMP)	PE	50 tests	341009				
		M-A251	Mouse IgG <sub>1</sub> , $\kappa$	FA, FCM	RUO	NA/LE	0.5 mg	555429				
				FCM	RUO	Purified	0.1 mg	555430				
				FCM	RUO	APC	100 tests	555434				
				FCM	RUO	APC-Cy7	100 tests	557753				
				FCM	RUO	APC-H7	25 tests	560244				
				FCM	RUO	APC-H7	100 tests	560225				
				FCM	RUO	FITC	100 tests	555431				
				FCM	RUO	BD Horizon V450	30 tests	560356				
				FCM	RUO	BD Horizon V450	120 tests	560355				
				FCM	RUO	PE	100 tests	555432				
				FCM	RUO	PE-Cy5	100 tests	555433				
				FCM	RUO	PE-Cy7	100 tests	557741				
				FCM	RUO	PerCP-Cy5.5	50 tests	560503				
				CD28	Hu	L293	Mouse IgG <sub>1</sub> , $\kappa$	FCM, IHC	RUO (GMP)	Purified	200 $\mu$ g	340975
								FCM	RUO (GMP)	Purified	500 $\mu$ g	348040
FCM	RUO (GMP)	PE	100 tests					348047				
FCM	RUO (GMP)	PerCP-Cy5.5	50 tests					337181				
CD28.2	Mouse IgG <sub>1</sub> , $\kappa$	Bio, FCM	RUO			NA/LE	0.5 mg	555725				
		FCM, IHC(Fr)	RUO			Purified	0.1 mg	555726				
		FCM	RUO			Biotin	100 tests	555727				
		FCM	RUO			APC	100 tests	559770				
		FCM	RUO			FITC	100 tests	555728				
		FCM	RUO			PE	100 tests	555729				
		FCM	RUO			PE-Cy5	100 tests	555730				
		FCM	RUO			PE-Cy7	50 tests	560684				
		CD30 (Ki-1)	Hu			Ber-H83	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO (GMP)	FITC	50 tests	341644
FCM	RUO (GMP)			PE	50 tests			341645				
FCM	RUO			Biotin	0.5 mg			555828				
FCM	RUO			FITC	100 tests			555829				
FCM	RUO			PE	100 tests			550041				
FCM, IHC(F), IHC(Fr)	RUO			Purified	0.5 mg			555827				
CD38	Hu	HB7	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO (GMP)	Purified	100 tests	347680				
				FCM	RUO (GMP)	APC	100 tests	340439				
				FCM	RUO (GMP)	FITC	50 tests	340927				
				FCM	RUO (GMP)	BD Horizon V450	100 tests	646851				
				FCM	RUO (GMP)	PE	50 tests	342371				
				FCM	RUO (GMP)	PE	100 tests	347687				
				FCM	RUO (GMP)	PE-Cy7	100 tests	335790				
		HIT2	Mouse IgG <sub>1</sub> , $\kappa$	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555458				
				FCM	RUO	APC	100 tests	555462				
				FCM	RUO	FITC	100 tests	555459				
				FCM	RUO	PE	100 tests	555460				
				FCM	RUO	PE-Cy5	100 tests	555461				
				FCM	RUO	PerCP-Cy5.5	0.1 mg	551400				
				FCM	RUO	Purified	50 $\mu$ g	611114				
				CD39 (ENTPD1, NTPDase)	Hu	TÜ66	Mouse IgG <sub>2b</sub> , $\kappa$	FCM	RUO	PE	100 tests	555464
FCM	RUO	APC	100 tests					560239				

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
<b>CD44</b> (Pgp-1, H-CAM, Ly24)	Hu	515	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	550988				
				FCM	RUO	NA/LE	0.5 mg	550990				
				FCM	RUO	PE	100 tests	550989				
		L178		Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	FITC	100 tests	347943			
					FCM, IHC(F)	RUO	Purified	0.2 mg	559046			
					G44-26	Mouse IgG <sub>2b</sub> , κ	IHC(F)*, IHC(Fr)	RUO	Purified	1 mL	550392	
							FCM	RUO	Purified	0.1 mg	555476	
		FCM	RUO	Purified	1 mL	560392						
		FCM	RUO	Biotin	100 tests	555477						
		FCM	RUO	Alexa Fluor® 700	50 tests	561289						
		FCM	RUO	APC	100 tests	559942						
		FCM	RUO	APC-H7	50 tests	560532						
		FCM	RUO	FITC	100 tests	555478						
		FCM	RUO	BD Horizon V450	50 tests	561292						
		FCM	RUO	PE	100 tests	555479						
		FCM	RUO	PE-Cy7	50 tests	560533						
		FCM	RUO	PerCP-Cy5.5	50 tests	560531						
<b>CD45</b> (Leukocyte Common Antigen)	Hu	2D1	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	347460				
				FCM	RUO (GMP)	AmCyan	100 tests	339192				
				FCM	RUO (GMP)	APC	100 tests	340943				
				FCM	RUO (GMP)	APC-Cy7	100 tests	348795				
				FCM	RUO (GMP)	APC-H7	100 tests	641399				
				FCM	RUO (GMP)	BD Horizon V450	100 tests	642275				
				FCM	RUO (GMP)	FITC	100 tests	347463				
				FCM	RUO (GMP)	PerCP	100 tests	347464				
				FCM	RUO (GMP)	PerCP-Cy5.5	50 tests	340953				
				FCM	RUO	APC-Cy7	100 tests	557833				
				FCM	RUO	APC-H7	25 tests	560274				
				FCM	RUO	APC-H7	100 tests	560178				
					HI30		Mouse IgG <sub>1</sub> , κ	FCM, IHC(F), IHC(Fr)	RUO	Purified	0.1 mg	555480
								FCM	RUO	Biotin	100 tests	555481
								FCM	RUO	Alexa Fluor® 700	50 tests	560566
								FCM	RUO	APC	100 tests	555485
	FCM	RUO	FITC					100 tests	555482			
	FCM	RUO	BD Horizon V450					30 tests	560368			
	FCM	RUO	BD Horizon V450					120 tests	560367			
	FCM	RUO	BD Horizon V500					25 tests	560779			
	FCM	RUO	BD Horizon V500					100 tests	560777			
	FCM	RUO	PE					100 tests	555483			
	FCM	RUO	PE-Cy5					100 tests	555484			
		Hu, Ms, Rat	69	Mouse IgG <sub>1</sub> , κ	IF, IP, WB	RUO	Purified	50 µg	610265			
					IF, IP, WB	RUO	Purified	150 µg	610266			

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.	
CD45RA	Hu	L48	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	FITC	100 tests	347723	
				FCM	RUO (GMP)	PE-Cy7	100 tests	337167	
		HI100	Mouse IgG <sub>2b</sub> , κ	FCM, IHC(F), IHC(Fr)	RUO	Purified		0.1 mg	555486
				FCM	RUO	Biotin		100 tests	555487
				FCM	RUO	Alexa Fluor® 700		50 tests	560673
				FCM	RUO	APC		100 tests	550855
				FCM	RUO	APC-H7		50 tests	560674
				FCM	RUO	FITC		100 tests	555488
				FCM	RUO	BD Horizon V450		30 tests	560363
				FCM	RUO	BD Horizon V450		120 tests	560362
				FCM	RUO	PE		100 tests	555489
		FCM	RUO	PE-Cy5		100 tests	555490		
		FCM	RUO	PE-Cy7		50 tests	560675		
CD45RB	Hu	MT4	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	555903	
				FCM	RUO	PE		100 tests	555904
CD45RO	Hu	UCHL1	Mouse IgG <sub>2a</sub> , κ	FCM	RUO (GMP)	APC	100 tests	340438	
				FCM	RUO (GMP)	PE		100 tests	347967
				FCM	RUO (GMP)	PE-Cy7		100 tests	337168
				FCM, IHC(F), IHC(Fr)	RUO	Purified		0.1 mg	555491
				FCM	RUO	Alexa Fluor® 700		50 tests	561136
				FCM	RUO	APC		100 tests	559865
				FCM	RUO	APC-H7		50 tests	561137
				FCM	RUO	FITC		100 tests	555492
				FCM	RUO	PE		100 tests	555493
				FCM	RUO	PE-Cy5		100 tests	555494
CD54 (ICAM-1)	Hu	28	Mouse IgG <sub>1</sub>	WB	RUO	Purified	50 µg	611704	
				WB	RUO	Purified		150 µg	611705
		HA58	Mouse IgG <sub>1</sub> , κ	FCM	RUO	NA/LE		0.5 mg	555509
				FCM	RUO	Purified		0.1 mg	555510
				FCM	RUO	Biotin		100 tests	559817
				FCM	RUO	APC		100 tests	559771
				FCM	RUO	PE		100 tests	555511
				FCM	RUO	PE-Cy5		100 tests	555512
		LB-2	Mouse IgG <sub>2b</sub> , κ	FA, FCM, IHC(Fr), IP	RUO	Purified		0.2 mg	559047
				FCM	RUO (GMP)	PE		100 tests	347977
CD56 (N-CAM)	Hu	B159	Mouse IgG <sub>1</sub> , κ	FCM	RUO	NA/LE	0.5 mg	555513	
				FCM	RUO	Purified		0.1 mg	555514
				FCM	RUO	Biotin		100 tests	555515
				FCM	RUO	Alexa Fluor® 488		100 tests	557699
				FCM	RUO	Alexa Fluor® 647		100 tests	557711
				FCM	RUO	Alexa Fluor® 700		0.1 mg	557919
				FCM	RUO	APC		100 tests	555518
				FCM	RUO	BD Horizon V450		30 tests	560361
				FCM	RUO	BD Horizon V450		120 tests	560360
				FCM	RUO	PE		100 tests	555516
				FCM	RUO	PE-Cy5		100 tests	555517
				FCM	RUO	PE-Cy7		100 tests	557747
				FCM	RUO	PerCP-Cy5.5		50 tests	560842
		NCAM16.2	Mouse (BALB/c) IgG <sub>2b</sub> , κ	ELISA, FA, FCM, IHC(Fr), IP	RUO	Purified		0.2 mg	559043
				FCM	RUO (GMP)	APC		100 tests	341025
				FCM	RUO (GMP)	FITC		50 tests	340410
				FCM	RUO (GMP)	PE		50 tests	340363
				FCM	RUO (GMP)	PE-Cy7		100 tests	335791
				FCM	RUO (GMP)	Purified		100 tests	347740
				FCM	RUO (GMP)	PE		100 tests	347747
MY31	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	Purified		0.2 mg	559049		

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
<b>CD57</b>	Hu	HNK-1	Mouse IgM, κ	FCM	RUO (GMP)	Purified	100 tests	<b>347390</b>				
				FCM	RUO (GMP)	Biotin	100 tests	<b>347391</b>				
				FCM	RUO (GMP)	FITC	100 tests	<b>347393</b>				
				FCM	RUO	Purified	0.2 mg	<b>559048</b>				
	NK-1	Mouse IgM, κ	FCM	RUO	Purified	0.1 mg	<b>555618</b>					
			FCM	RUO	APC	50 tests	<b>560845</b>					
			FCM	RUO	FITC	100 tests	<b>555619</b>					
			FCM	RUO	PE	100 tests	<b>560844</b>					
			<b>CD62L (L-selectin)</b>	Cyno, Hu, Rhe	SK11	Mouse IgG <sub>2a</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	<b>347440</b>	
							FCM	RUO (GMP)	FITC	100 tests	<b>347443</b>	
FCM	RUO (GMP)	PE					50 tests	<b>341012</b>				
FA, FCM, WB	RUO	Purified					0.2 mg	<b>559050</b>				
Hu	Dreg 56	Mouse IgG <sub>1</sub> , κ		FCM	RUO	NA/LE	0.5 mg	<b>555541</b>				
				FCM	RUO	Purified	0.1 mg	<b>555542</b>				
				FCM	RUO	APC	100 tests	<b>559772</b>				
				FCM	RUO	FITC	100 tests	<b>555543</b>				
				FCM	RUO	BD Horizon V450	30 tests	<b>560441</b>				
				FCM	RUO	BD Horizon V450	120 tests	<b>560440</b>				
<b>CD62P (P-selectin)</b>	Hu	AC1.2	Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	<b>556087</b>				
				FCM	RUO (GMP)	PE	100 tests	<b>348107</b>				
		AK-4	Mouse IgG <sub>1</sub> , κ	FCM	RUO	NA/LE	0.5 mg	<b>551345</b>				
				FCM	RUO	Purified	0.1 mg	<b>555522</b>				
				FCM	RUO	APC	100 tests	<b>550888</b>				
				FCM	RUO	FITC	100 tests	<b>555523</b>				
				FCM	RUO	PE	100 tests	<b>555524</b>				
				FCM	RUO	PE-Cy5	100 tests	<b>551142</b>				
				<b>CD69</b> (Very Early Activation Antigen)	Hu	FN50	Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	<b>555529</b>
								FCM	RUO	Alexa Fluor® 700	50 tests	<b>560739</b>
FCM	RUO	APC	100 tests					<b>555533</b>				
FCM	RUO	APC-Cy7	100 tests					<b>557756</b>				
FCM	RUO	FITC	100 tests					<b>555530</b>				
FCM	RUO	BD Horizon V450	50 tests					<b>560740</b>				
FCM	RUO	PE	100 tests					<b>555531</b>				
FCM	RUO	PE-Cy5	100 tests					<b>555532</b>				
FCM	RUO	PE-Cy7	100 tests					<b>557745</b>				
L78	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)					Purified	100 tests	<b>347820</b>		
		FCM	RUO (GMP)	APC	100 tests	<b>340560</b>						
		FCM	RUO (GMP)	FITC	100 tests	<b>347823</b>						
		FCM	RUO (GMP)	PE	50 tests	<b>341652</b>						
		FCM	RUO (GMP)	PE-Cy7	100 tests	<b>335792</b>						
		FCM	RUO (GMP)	PerCP	50 tests	<b>340548</b>						

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
<b>CD86 (B70/B7-2)</b>	Hu	2331 (FUN-1)	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	555655			
				FCM	RUO	Biotin	100 tests	555656			
				FCM	RUO	Alexa Fluor® 700	50 tests	561124			
				FCM	RUO	APC	100 tests	555660			
				FCM	RUO	FITC	100 tests	555657			
				FCM	RUO	PE	100 tests	555658			
				FCM	RUO	PE-Cy5	100 tests	555659			
				FCM	RUO	PE-Cy7	50 tests	561128			
		IT2.2	Mouse IgG <sub>2b</sub> , κ	FCM	RUO	PerCP-Cy5.5	50 tests	561129			
				FA, FCM	RUO	NA/LE	0.5 mg	555662			
				FCM, IHC(Fr)	RUO	Purified	0.1 mg	555663			
				FCM	RUO	Biotin	100 tests	555664			
				FCM	RUO	PE	100 tests	555665			
				FCM	RUO	PE-Cy5	100 tests	555666			
<b>CD95 (Fas/APO-1)</b>	Dog, Hu, Pig	DX2	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	FITC	50 tests	340479			
				FCM	RUO (GMP)	PE	50 tests	340480			
				FCM	RUO (GMP)	APC	100 tests	340481			
				FA, FCM	RUO	NA/LE	0.5 mg	555670			
				FCM, IHC(Fr)	RUO	Purified	0.1 mg	555671			
				FCM	RUO	Biotin	100 tests	555672			
				FCM	RUO	APC	100 tests	558814			
				FCM	RUO	FITC	100 tests	555673			
				FCM	RUO	PE	100 tests	555674			
				FCM	RUO	PE-Cy5	100 tests	559773			
	Hu	EOS9.1	Mouse IgM, κ	FA, FCM	RUO	Purified	0.1 mg	550042			
				G254-274	Mouse IgG <sub>1</sub>	WB	RUO	Purified	0.1 mg	556370	
						Chick, Dog, Hu, Ms, Rat	13	Mouse IgG <sub>1</sub>	IF, IHC, WB	RUO	Purified
				IF, IHC, WB	RUO				Purified	150 µg	610198
<b>CD103</b>	Hu	Ber-ACT8	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	FITC	50 tests	340945			
				FCM	RUO (GMP)	PE	50 tests	340998			
				FCM	RUO	Purified	0.1 mg	550258			
				FCM	RUO	FITC	100 tests	550259			
				FCM	RUO	PE	100 tests	550260			
<b>CD119</b> (IFN-γ Receptor α chain)	Hu	GIR-94	Mouse IgG <sub>2b</sub> , κ	FCM	RUO	PE	0.2 mg	558937			
				GIR-208	Mouse IgG <sub>1</sub> , κ	Neu	RUO	NA/LE	0.25 mg	557531	
		FCM	RUO			Purified	0.5 mg	558935			
		FCM	RUO	PE	0.2 mg	558934					
<b>CD122</b> (IL-2 Receptor β chain)	Hu	TU27	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	PE	100 tests	340254			
				Mik-β2	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	PE	0.2 mg	554522	
						Mik-β3	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Biotin	0.5 mg
				FCM	RUO			PE	0.2 mg	554525	
<b>CD124</b> (IL-4 Receptor α chain)	Hu	hIL4R-M57	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	551894			
				FCM	RUO	Biotin	100 tests	552120			
				FCM	RUO	PE	100 tests	552178			
		hIL4R-M10.1	Rat IgG <sub>2a</sub> , κ	ELISA Cap.	RUO	Purified	0.5 mg	552472			
				hIL4R-M8.2.2	Rat IgG <sub>1</sub> , κ	ELISA Det.	RUO	Biotin	0.5 mg	552473	
<b>CD126</b> (IL-6 Receptor α chain)	Hu	M5	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	100 tests	551850			
		M182	Mouse IgG <sub>1</sub> , κ	ELISA Det.	RUO	Biotin	0.5 mg	552503			

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD127</b> (IL-7 Receptor $\alpha$ subunit)	Hu	hIL-7R-M21	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO	Purified	0.1 mg	552853
				FCM	RUO	Biotin	100 tests	558633
				FCM	RUO	Alexa Fluor® 647	100 tests	558598
				FCM	RUO	FITC	100 tests	560549
				FCM	RUO	BD Horizon V450	50 tests	560823
				FCM	RUO	PE	0.1 mg	557938
				FCM	RUO	PE-Cy7	50 tests	560822
<b>CD134 (OX40)</b>	Hu	L106	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO (GMP)	PE	50 tests	340420
		ACT35	Mouse IgG <sub>1</sub> , $\kappa$	FCM, IHC(F), IHC(Fr)	RUO	Purified	0.1 mg	555836
				FCM	RUO	FITC	100 tests	555837
				FCM	RUO	PE	100 tests	555838
				FCM	RUO	PE-Cy5	100 tests	551500
<b>CD137 (4-1BB)</b>	Hu	4B4-1	Mouse IgG <sub>1</sub> , $\kappa$	ELISA Det.	RUO	Biotin	0.5 mg	552533
				FCM	RUO	Purified	0.1 mg	555955
				FCM	RUO	APC	100 tests	550890
				FCM	RUO	PE	100 tests	555956
				FCM	RUO	PE-Cy5	100 tests	551137
			H41BB-M127	Mouse IgG <sub>1</sub> , $\kappa$	ELISA Cap.	RUO	Purified	0.5 mg
<b>CD137 Ligand</b> (4-1BB Ligand)	Hu	C65-485	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO	Purified	0.1 mg	559445
				FCM	RUO	PE	100 tests	559446
<b>CD152 (CTLA-4)</b>	Hu	BN13	Mouse IgG <sub>2a</sub> , $\kappa$	FA, FCM	RUO	NA/LE	0.5 mg	555850
				IHC(Fr)	RUO	Purified	1 mL	550405
				FCM, IHC(Fr)	RUO	Purified	0.1 mg	555851
				FCM	RUO	Biotin	100 tests	555852
				FCM	RUO	APC	100 tests	555855
				FCM	RUO	PE	100 tests	555853
				FCM	RUO	PE-Cy5	100 tests	555854
<b>CD154 (CD40L)</b>	Hu	89-76	Mouse IgG <sub>1</sub> , $\kappa$	FCM	RUO (GMP)	PE	50 tests	340477
		hCD40L-M90.1	Mouse IgG <sub>1</sub> , $\kappa$	ELISA Cap.	RUO	Purified	0.5 mg	552559
				ELISA Det.	RUO	Biotin	0.5 mg	552560
		TRAP1	Mouse IgG <sub>1</sub> , $\kappa$	FA, FCM	RUO	NA/LE	0.5 mg	555697
				FCM	RUO	Purified	0.1 mg	555698
				FCM	RUO	APC	100 tests	555702
				FCM	RUO	FITC	100 tests	555699
				FCM	RUO	PE	100 tests	555700
		FCM	RUO	PE-Cy5	100 tests	555701		
<b>CD161</b>	Hu	DX12	Mouse IgG <sub>1</sub> , $\kappa$	FCM, IHC(Fr)	RUO	Purified	0.1 mg	556079
				FCM	RUO	APC	100 tests	550968
				FCM	RUO	FITC	100 tests	556080
				FCM	RUO	PE	100 tests	556081
				FCM	RUO	PE-Cy5	100 tests	551138
<b>CD183 (CXCR3)</b>	Hu	1C6/CXCR3	Mouse IgG <sub>1</sub> , $\kappa$	FA, FCM	RUO	NA/LE	0.5 mg	557184
				FCM	RUO	Purified	0.1 mg	557183
				FCM	RUO	Alexa Fluor® 488	0.1 mg	558047
				FCM	RUO	Alexa Fluor® 700	50 tests	561320
				FCM	RUO	APC	100 tests	550967
				FCM	RUO	PE	100 tests	557185
				FCM	RUO	PE-Cy5	100 tests	551128
				FCM	RUO	PE-Cy7	50 tests	560831
				FCM	RUO	PerCP-Cy5.5	50 tests	560832

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD184 (CXCR4, Fusin)</b>	Hu	1D9	Rat IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	551413
				FCM	RUO	PE	0.2 mg	551510
				FA, FCM	RUO	NA/LE	0.5 mg	555971
		12G5	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	555972
				FCM	RUO	Biotin	100 tests	555973
				FCM	RUO	APC	100 tests	555976
				FCM	RUO	PE	100 tests	555974
				FCM	RUO	PE-Cy5	100 tests	555975
				FCM	RUO	PE-Cy7	50 tests	560669
<b>CD193 (CCR3)</b>	Hu	5E8	Mouse (C57BL/6) IgG <sub>2b</sub> , κ	FCM	RUO	Alexa Fluor® 647	0.1 mg	558208
<b>CD194 (CCR4)</b>	Hu	1G1	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	551121
				FCM	RUO	Biotin	0.5 mg	551266
				FCM	RUO	Alexa Fluor® 647	0.1 mg	557863
				FCM	RUO	BD Horizon V450	50 µg	561123
				FCM	RUO	PE	25 µg	561110
				FCM	RUO	PE	0.2 mg	551120
				FCM	RUO	PE-Cy7	0.1 mg	557864
				FCM	RUO	PerCP-Cy5.5	50 tests	560726
<b>CD195 (CCR5)</b>	Hu	2D7/CCR5	Mouse IgG <sub>2a</sub> , κ	FA, FCM	RUO	NA/LE	0.5 mg	555990
				FCM	RUO	Purified	0.1 mg	555991
				FCM	RUO	APC	100 tests	556903
				FCM	RUO	APC-Cy7	100 tests	557755
				FCM	RUO	FITC	100 tests	555992
				FCM	RUO	PE	100 tests	555993
				FCM	RUO	PE-Cy5	100 tests	556889
		3A9	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	PE-Cy7	100 tests	557752
				FCM	RUO	Purified	0.1 mg	556041
				FCM	RUO	APC	100 tests	550856
				FCM	RUO	PE	100 tests	556042
				FCM	RUO	PerCP-Cy5.5	50 tests	560635
				<b>CD196 (CCR6)</b>	Hu	11A9	Mouse IgG <sub>1</sub> , κ	FCM
FCM	RUO	Biotin	0.5 mg	559561				
FCM	RUO	Alexa Fluor® 647	100 tests	560466				
FCM	RUO	APC	50 tests	560619				
FCM	RUO	PE	0.2 mg	559562				
FCM	RUO	PE-Cy7	50 tests	560620				
FCM	RUO	PerCP-Cy5.5	100 tests	560467				

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
<b>CD197 (CCR7)</b>	Hu	1G1	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	0.2 mg	551120				
				FCM	RUO	Purified	0.1 mg	551121				
				FCM	RUO	Biotin	0.5 mg	551266				
				FCM	RUO	Alexa Fluor® 647	0.1 mg	557863				
				FCM	RUO	PE-Cy7	0.1 mg	557864				
				FCM	RUO	PerCP-Cy5.5	50 tests	560726				
				2H4	Mouse IgM, κ	FCM	RUO	Purified	0.25 mg	550937		
						3D12	Rat IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	552175
								FCM	RUO	Biotin	100 tests	552174
								FCM	RUO	Alexa Fluor® 647	100 tests	557734
	FCM	RUO	FITC					100 tests	560548			
	150503	Mouse IgG <sub>2b</sub>	FCM	RUO	PE	25 tests	561008					
			FCM	RUO	PE	100 tests	552176					
			FCM	RUO	PE-Cy7	100 tests	557648					
			FCM	RUO	Alexa Fluor® 647	100 tests	560816					
			FCM	RUO	Alexa Fluor® 700	50 tests	561143					
	CD212 (IL-12 receptor β <sub>1</sub> subunit)	Hu	2.4E6	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	556064			
					FCM	RUO	APC	100 tests	558708			
					FCM	RUO	PE	100 tests	556065			
					2B6/12β2	Rat IgG <sub>2a</sub> , κ	FCM, IF	RUO	Purified	0.1 mg	550722	
FCM			RUO	PE			100 tests	550723				
J168-540.90.22			Mouse IgG <sub>1</sub> , κ	FCM			RUO	PE	0.1 mg	558485		
				FCM			RUO	Purified	0.1 mg	557801		
CD278 (ICOS)			Hu	DX29	Mouse IgG <sub>1</sub>	FCM	RUO	PE	100 tests	557802		
	FCM	RUO				PE	100 tests	557802				
CD279 (PD-1)	Hu	EH12.1	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Alexa Fluor® 647	100 tests	560838				
				FCM	RUO	PE	100 tests	560795				
				FCM	RUO	Purified	0.1 mg	557823				
		MIH4	Mouse IgG <sub>1</sub> , κ	FCM	RUO	APC	100 tests	558694				
				FCM	RUO	FITC	0.1 mg	557860				
				FCM	RUO	PE	100 tests	557946				
CD294 (CRTH2)	Hu	BM16	Rat IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	558412				
				FCM	RUO	Alexa Fluor® 647	0.1 mg	558042				
		EH12.1	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Alexa Fluor® 647	100 tests	560838				
				FCM	RUO	PE	100 tests	560795				
CXCR5	Hu	RF8B2	Rat IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	552032				
				FCM	RUO	Biotin	100 tests	552118				
				FCM	RUO	Alexa Fluor® 488	0.1 mg	558112				

# Immunology Product List

## Anti-Human Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
<b>HLA-DR</b>	Hu	L243 (G46-6)	Mouse IgG <sub>2a</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	347360			
				FCM	RUO (GMP)	Biotin	100 tests	347361			
				FCM	RUO (GMP)	APC	100 tests	340549			
				FCM	RUO (GMP)	APC-Cy7	100 tests	335796			
				FCM	RUO (GMP)	APC-H7	100 tests	641393			
				FCM	RUO (GMP)	FITC	100 tests	347363			
				FCM	RUO (GMP)	BD Horizon V450	100 tests	642276			
				FCM	RUO (GMP)	PE	100 tests	347367			
				FCM	RUO (GMP)	PE-Cy7	100 tests	335795			
				FCM	RUO (GMP)	PerCP	100 tests	347364			
				FCM	RUO (GMP)	PerCP-Cy5.5	50 tests	339194			
				FCM	RUO	Alexa Fluor® 700	50 tests	560743			
				FCM	RUO	PE-Cy7	50 tests	560651			
				FCM	RUO	PerCP-Cy5.5	50 tests	560652			
				FCM	RUO	FITC	100 tests	555811			
	FCM	RUO	NA/LE	0.5 mg	555809						
	FCM	RUO	Purified	0.1 mg	555810						
	FCM	RUO	APC	100 tests	559866						
	FCM	RUO	PE	100 tests	555812						
	Dog, Hu, Rab	TU36	Mouse IgG <sub>2b</sub> , κ	FCM	RUO	Purified	0.1 mg	555559			
FCM				RUO	APC	100 tests	559868				
FCM				RUO	FITC	100 tests	555560				
FCM				RUO	PE	100 tests	555561				
FCM				RUO	PE-Cy5	100 tests	551375				
IL-18 Receptor α chain				Hu	H44	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	552951
<b>IL-21 Receptor</b>				Hu	17A12	Mouse IgG <sub>1</sub> , κ	FCM	RUO	APC	100 tests	560331
	FCM	RUO	PE				100 tests	560264			
<b>NKB1 (KIR)</b>	Hu	DX9	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	FITC	50 tests	340483			
				FCM	RUO (GMP)	PE	50 tests	340484			
				FCM	RUO	Purified	0.1 mg	555964			
				FCM	RUO	FITC	100 tests	555966			
				FCM	RUO	PE	100 tests	555967			
<b>TCR αβ</b>	Hu	WT31	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	347770			
				FCM	RUO (GMP)	FITC	100 tests	347773			
		T10B9.1A-31	Mouse IgM, κ	FCM	RUO	Purified	0.1 mg	555546			
				FCM	RUO	FITC	100 tests	555547			
				FCM	RUO	PE	100 tests	555548			
<b>TCR γδ</b>	Hu	11F2	Mouse IgG <sub>1</sub> , κ	FCM	RUO (GMP)	Purified	100 tests	347900			
				FCM	RUO (GMP)	FITC	100 tests	347903			
				FCM	RUO (GMP)	PE	100 tests	347907			
		B1	Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555715			
				FCM	RUO	Biotin	0.1 mg	555716			
				FCM	RUO	APC	0.1 mg	555718			
				FCM	RUO	FITC	0.1 mg	559878			
				FCM	RUO	PE	0.1 mg	555717			
				FCM	RUO	PE	0.1 mg	555717			

# Immunology Product List

## Anti-Human Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Bcl-10</b>	Hu	151	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	100 tests	<b>552881</b>
<b>FoxP3 (Scurfin, IPEX, JM2)</b>	Hu	236A/E7	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Alexa Fluor® 647	100 tests	<b>561184</b>
				FCM	RUO	PE	100 tests	<b>560852</b>
		259D/C7	Mouse IgG <sub>1</sub>	FCM, IHC, WB	RUO	Purified	0.1 mg	<b>560044</b>
				FCM	RUO	Alexa Fluor® 488	100 tests	<b>560047</b>
				FCM	RUO	Alexa Fluor® 647	100 tests	<b>560045</b>
				IC/FCM	RUO	BD Horizon V450	30 tests	<b>560460</b>
				IC/FCM	RUO	BD Horizon V450	120 tests	<b>560459</b>
				FCM	RUO	PE	25 tests	<b>560082</b>
<b>GM-CSF</b>	Hu	BVD2-23B6	Rat IgG <sub>2a</sub>	Neu	RUO	NA/LE	0.5 mg	<b>554501</b>
				IC/FCM Block, IP/WB	RUO	Purified	0.1 mg	<b>554503</b>
				ELISA Cap., IP/WB	RUO	Purified	0.5 mg	<b>554502</b>
				ELISA Det.	RUO	Biotin	0.5 mg	<b>554505</b>
				IC/FCM	RUO	PE	0.1 mg	<b>554507</b>
<b>Granulysin</b>	Hu	RB1	Mouse IgG <sub>1</sub> , κ	FCM, IC/FCM	RUO	Alexa Fluor® 488	100 tests	<b>558254</b>
<b>Granzyme A</b>	Hu	CB9	Mouse IgG <sub>1</sub>	IC/FCM	RUO	PE Set	100 tests	<b>558904</b>
				IC/FCM	RUO	FITC Set	100 tests	<b>558905</b>
<b>Granzyme B</b>	Hu	GB11	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 700	0.1 mg	<b>560213</b>
				IC/FCM	RUO	FITC	100 tests	<b>560211</b>
				IC/FCM	RUO	BD Horizon V450	50 tests	<b>561151</b>
				IC/FCM	RUO	PE	100 tests	<b>561142</b>
<b>IFN-α2b</b>	Hu	7N4-1	Mouse IgG <sub>1</sub> , κ	FA, IHC	RUO	NA/LE	0.5 mg	<b>551795</b>
				FCM	RUO	Alexa Fluor® 647	100 tests	<b>560088</b>
				IC/FCM	RUO	PE	100 tests	<b>560097</b>
<b>IFN-γ</b>	Hu	25723.11	Mouse IgG <sub>2b</sub> , κ	FCM, IC	RUO (GMP)	APC	100 tests	<b>341117</b>
				FCM, IC	RUO (GMP)	FITC	50 tests	<b>340449</b>
				FCM, IC	RUO (GMP)	PE	50 tests	<b>340452</b>
		NIB42	Mouse IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	<b>554547</b>
				ELISA Cap.	RUO	Purified	1.0 mg	<b>551221</b>
		4S.B3	Mouse IgG <sub>1</sub> , κ	IC/FCM Block, WB	RUO	Purified	0.1 mg	<b>554549</b>
				ELISA Det.	RUO	Biotin	0.5 mg	<b>554550</b>
				IC/FCM	RUO	FITC	0.1 mg	<b>554551</b>
				IC/FCM	RUO	PE	100 tests	<b>559326</b>
				IC/FCM	RUO	PE	0.1 mg	<b>554552</b>
				IC/FCM	RUO	PE-Cy7	0.1 mg	<b>557844</b>
				IC/FCM	RUO	NA/LE	0.5 mg	<b>554698</b>
		B27	Mouse IgG <sub>1</sub> , κ	IC/FCM Block, IP/WB	RUO	Purified	0.1 mg	<b>554699</b>
				ICC	RUO	Purified	0.25 mg	<b>550011</b>
				IC/FCM	RUO	Alexa Fluor® 488	100 tests	<b>557718</b>
				IC/FCM	RUO	Alexa Fluor® 647	100 tests	<b>557729</b>
				IC/FCM	RUO	Alexa Fluor® 700	0.1 mg	<b>557995</b>
				IC/FCM	RUO	APC	0.1 mg	<b>554702</b>
				IC/FCM	RUO	FITC	0.1 mg	<b>554700</b>
				IC/FCM	RUO	BD Horizon V450	30 tests	<b>560372</b>
IC/FCM	RUO			BD Horizon V450	120 tests	<b>560371</b>		
IC/FCM	RUO			PE	0.1 mg	<b>554701</b>		
<b>IL-1α</b>	Hu	364-3B3-14	Mouse IgG <sub>1</sub> , κ	ELISA Cap.	RUO	Purified	1.0 mg	<b>551223</b>
				IC/FCM	RUO	PE	0.1 mg	<b>554561</b>
<b>IL-1β</b>	Hu	AS10	Mouse IgG <sub>1</sub> , κ	FCM, IC	RUO (GMP)	FITC	50 tests	<b>340515</b>
				FCM, IC	RUO (GMP)	PE	50 tests	<b>340516</b>
				Neu	RUO	NA/LE	0.5 mg	<b>552289</b>
				ICC	RUO	Purified	0.25 mg	<b>550007</b>

# Immunology Product List

## Anti-Human Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
IL-2	Hu	5344.111	Mouse IgG <sub>1</sub> , κ	ELISA Cap.	RUO	Purified	0.5 mg	555051				
				FCM, IC	RUO (GMP)	APC	100 tests	341116				
				FCM, IC	RUO (GMP)	FITC	50 tests	340448				
				FCM, IC	RUO (GMP)	PE	50 tests	340450				
				IC/FCM	RUO	BD Horizon V450	50 tests	560867				
		B33-2	Mouse IgG <sub>1</sub>	ELISA Det.	RUO	Biotin	0.5 mg	555040				
		MQ1-17H12	Rat IgG <sub>2a</sub> , κ	Neu	RUO	NA/LE	0.5 mg	554562				
				IC/FCM Block, ICC	RUO	Purified	0.1 mg	554563				
				IC/FCM	RUO	APC	0.1 mg	554567				
				IC/FCM	RUO	FITC	0.1 mg	554565				
				IC/FCM	RUO	PE	0.1 mg	554566				
				IC/FCM	RUO	PE	100 tests	559334				
				IC/FCM	RUO	PE-Cy7	50 tests	560707				
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	560708				
		IL-4	Hu	3010.211	Mouse IgG <sub>1</sub> , κ	FCM, IC	RUO (GMP)	PE	50 tests	340451		
MP4-25D2	Rat IgG <sub>1</sub>					Neu	RUO	NA/LE	0.5 mg	554481		
						IC/FCM Block	RUO	Purified	0.1 mg	554482		
						ELISA Det.	RUO	Biotin	0.5 mg	554483		
						IC/FCM	RUO	APC	0.1 mg	554486		
				IC/FCM	RUO	FITC	0.1 mg	554484				
8D4-8	Mouse IgG <sub>1</sub> , κ			IC/FCM	RUO	PE	0.1 mg	554485				
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.1 mg	556917				
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	554515				
				IC/FCM	RUO	APC	50 tests	560671				
				IC/FCM	RUO	PE	0.1 mg	554516				
						IC/FCM	RUO	PE	100 tests	559333		
						IC/FCM	RUO	PE-Cy7	50 tests	560672		
						IC/FCM	RUO	PerCP-Cy5.5	50 tests	561234		
						IL-5	Hu, Ms	TRFK5	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE
		ELISA Cap., IC/FCM Block, WB	RUO							Purified	0.1 mg	554392
ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	554393								
IC/FCM	RUO	APC	0.1 mg	554396								
IC/FCM	RUO	PE	0.1 mg	554395								
JES1-39D10	Rat IgG <sub>2a</sub>	ELISA Cap.	RUO	Purified	0.5 mg	554488						
		IC/FCM	RUO	PE	0.1 mg	554489						
		IC/FCM	RUO	PE	100 tests	559332						
JES1-5A10	Rat IgG <sub>2a</sub>	ELISA Det.	RUO	Biotin	0.5 mg	554491						
IL-6	Hu	AS12	Mouse IgG <sub>1</sub> , κ	FCM, IC	RUO (GMP)	FITC	50 tests	340526				
				FCM, IC	RUO (GMP)	PE	50 tests	340527				
		MQ2-13A5	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554541				
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	554543				
				IC/FCM	RUO	FITC	0.1 mg	554544				
		IC/FCM	RUO	PE	0.1 mg	554545						
		MQ2-39C3	Rat IgG <sub>2a</sub>	ELISA Det., WB	RUO	Biotin	0.5 mg	554546				
		MQ2-6A3	Rat IgG <sub>2a</sub> , κ	IC/FCM Block, ICC	RUO	Purified	0.25 mg	559068				
				IC/FCM	RUO	FITC	0.1 mg	554696				
				IC/FCM	RUO	PE	0.1 mg	554697				
IC/FCM	RUO	PE	100 tests	559331								

# Immunology Product List

## Anti-Human Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
IL-9	Hu	MH9A3	Mouse IgG <sub>1</sub> , κ	ELISA Det.	RUO	Biotin	0.5 mg	558089		
				FCM	RUO	Alexa Fluor® 647	25 tests	560815		
				FCM	RUO	Alexa Fluor® 647	100 tests	560813		
				FCM	RUO	PE	25 tests	560814		
				FCM	RUO	PE	100 tests	560807		
		MH9A4	Mouse (C57BL/6) IgG <sub>2b</sub> , κ	ELISA Cap.	RUO	Purified	0.5 mg	558088		
		IL-10	Hu, Vir	JES3-9D7	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554495
						IC/FCM Block, WB	RUO	Purified	0.1 mg	554496
						IC/FCM, WB	RUO	Purified	0.5 mg	554497
IC/FCM	RUO					PE	0.1 mg	554498		
IC/FCM	RUO					PE	100 tests	559337		
JES3-12G8	Rat IgG <sub>2b</sub>			ICC	RUO	Purified	0.25 mg	559076		
JES3-19F1	Rat IgG <sub>2b</sub>			ELISA Det., WB	RUO	Biotin	0.5 mg	554499		
				Neu	RUO	NA/LE	0.5 mg	554703		
				ELISA Cap., IC/FCM Block, Neu	RUO	Purified	0.1 mg	554704		
				ELISA Cap.	RUO	Purified	0.5 mg	554705		
				IC/FCM	RUO	APC	0.1 mg	554707		
IC/FCM	RUO			PE	0.1 mg	554706				
IC/FCM	RUO			PE	100 tests	559330				
IL-12 (p40)	Hu			C8.3	Mouse IgG <sub>1</sub>	ELISA Cap.	RUO	Purified	1.0 mg	551227
IL-12 (p40/p70)	Hu			C8.6	Mouse IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554659
		ELISA Det.	RUO			Biotin	0.5 mg	554660		
		C11.5	Mouse IgG <sub>1</sub>	IC/FCM Block	RUO	Purified	0.1 mg	554573		
				IC/FCM	RUO	APC	0.1 mg	554576		
				IC/FCM	RUO	FITC	0.1 mg	554574		
				IC/FCM	RUO	PE	0.1 mg	554575		
IC/FCM	RUO	PE	100 tests	559329						
IL-12 (p70)	Hu	20C2	Rat IgG <sub>1</sub>	ELISA Cap.	RUO	Purified	0.5 mg	555065		
				IC/FCM	RUO	PE	0.1 mg	557020		
				IC/FCM	RUO	PE	100 tests	559325		
IL-13	Hu	B69-2	Mouse IgG <sub>1</sub>	ELISA Det.	RUO	Biotin	0.5 mg	555054		
		JES10-5A2	Rat IgG <sub>1</sub>	FCM, IC	RUO (GMP)	PE	50 tests	340508		
				Neu	RUO	NA/LE	0.5 mg	554568		
				Block, ELISA Std., IC/FCM Block, IHC, Neu, WB	RUO	Purified	0.5 mg	554570		
		IC/FCM	RUO	APC	50 tests	561162				
		IC/FCM	RUO	BD Horizon V450	50 tests	561158				
		IC/FCM	RUO	PE	0.1 mg	554571				
		IC/FCM	RUO	PE	100 tests	559328				
		IL-17A	Hu	N49-653	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	25 tests	560489
IC/FCM	RUO					Alexa Fluor® 488	100 tests	560488		
IC/FCM	RUO					Alexa Fluor® 647	25 tests	560491		
IC/FCM	RUO					Alexa Fluor® 647	100 tests	560490		
IC/FCM	RUO					Alexa Fluor® 700	50 tests	560613		
IC/FCM	RUO					BD Horizon V450	50 tests	560610		
IC/FCM	RUO					PE	25 tests	560487		
IC/FCM	RUO					PE	100 tests	560486		
IC/FCM	RUO					PerCP-Cy5.5	100 tests	560799		
SCPL1362	Mouse IgG <sub>1</sub> , κ					IC/FCM	RUO	Alexa Fluor® 647	25 tests	560439
				IC/FCM	RUO	Alexa Fluor® 647	100 tests	560437		
				IC/FCM	RUO	PE	25 tests	560438		
				IC/FCM	RUO	PE	100 tests	560436		

# Immunology Product List

## Anti-Human Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
<b>IL-17F</b>	Hu	033-782	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	25 tests	561332		
				IC/FCM	RUO	Alexa Fluor® 488	100 tests	561331		
				IC/FCM	RUO	Alexa Fluor® 647	25 tests	561334		
				IC/FCM	RUO	Alexa Fluor® 647	100 tests	561333		
				IC/FCM	RUO	PE	25 tests	561198		
				IC/FCM	RUO	PE	100 tests	561197		
				IC/FCM	RUO	PerCP-Cy5.5	25 tests	561336		
				IC/FCM	RUO	PerCP-Cy5.5	100 tests	561335		
<b>IL-21</b>	Hu	3A3-N2.1	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 647	100 tests	560493		
				IC/FCM	RUO	PE	100 tests	560463		
		I76-539	Mouse IgG <sub>1</sub> , κ	ELISA Det.	RUO	Biotin	0.5 mg	558502		
		J148-1134	Mouse IgG <sub>1</sub> , κ	ELISA Cap.	RUO	Purified	0.5 mg	558503		
<b>LT-α</b>	Hu	359-238-8	Mouse IgG <sub>1</sub>	ELISA Cap.	RUO	Purified	1.0 mg	551222		
				ELISA Det.	RUO	Biotin	0.5 mg	554555		
				IC/FCM	RUO	PE	0.1 mg	554556		
<b>Perforin</b>	Hu	δG9	Mouse IgG <sub>2b</sub>	FCM	RUO	FITC Set	100 tests	556577		
				FCM	RUO	PE Set	100 tests	556437		
<b>TGF-β1</b>	Hu, Ms, Pig	A75-2	Rat IgG <sub>2a</sub>	ELISA Cap., WB	RUO	Purified	0.5 mg	555052		
		A75-3	Rat IgG <sub>2a</sub>	ELISA Det.	RUO	Biotin	0.5 mg	555053		
<b>TNF</b>	Hu	MAB1	Mouse IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554508		
				ELISA Cap., WB	RUO	Purified	1.0 mg	551220		
				MAB11	Mouse IgG <sub>1</sub> , κ	ICC	RUO	Purified	0.25 mg	559071
				IC/FCM Block	RUO	Purified	0.1 mg	554510		
				ELISA Det.	RUO	Biotin	0.5 mg	554511		
				IC/FCM	RUO	Alexa Fluor® 488	100 tests	557722		
		IC/FCM	RUO	Alexa Fluor® 700	0.1 mg	557996				
		IC/FCM	RUO	APC	0.1 mg	554514				
		IC/FCM	RUO	FITC	0.1 mg	554512				
		IC/FCM	RUO	PE	0.1 mg	554513				
		IC/FCM	RUO	PE	100 tests	559321				
IC/FCM	RUO	PE-Cy7	100 tests	557647						
IC/FCM	RUO	PerCP-Cy5.5	50 tests	560679						
<b>TNF-α</b>	Hu	6401.1111	Mouse IgG <sub>1</sub> , κ	Neu	RUO	NA/LE	0.5 mg	552467		
				IC/FCM	RUO (GMP)	APC	100 tests	340534		
				IC/FCM	RUO (GMP)	FITC	50 tests	340511		
				IC/FCM	RUO (GMP)	PE	50 tests	340512		
<b>ZAP-70</b>	Hu	1E7.2	Mouse IgG <sub>1</sub>	IC/FCM	RUO (GMP)	FITC	50 tests	344931		
				IC/FCM	RUO (GMP)	PE	50 tests	344635		

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.	
CCR6	Ms	140706	Rat IgG <sub>2a</sub>	FCM	RUO	Alexa Fluor® 647	0.1 mg	557976	
CD2 (LFA-2)	Ms	RM2-5	Rat (SD) IgG <sub>2b</sub> , λ	FCM, IP	RUO	Purified	0.5 mg	553109	
				FCM	RUO	Biotin	0.5 mg	553110	
				FCM	RUO	FITC	0.5 mg	553111	
				FCM	RUO	PE	0.2 mg	553112	
CD3 Molecular Complex	Ms	17A2	Rat (Sprague-Dawley) IgG <sub>2b</sub> , κ	Cost, Cyt, FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	555273	
				FCM	RUO	Alexa Fluor® 647	0.1 mg	557869	
				FCM	RUO	APC-Cy7	50 µg	560590	
				FCM	RUO	FITC	0.5 mg	555274	
				FCM	RUO	PE	0.2 mg	555275	
				FCM	RUO	PE-Cy5	0.1 mg	555276	
				FCM	RUO	PE-Cy7	50 µg	560591	
FCM	RUO	PerCP-Cy5.5	50 µg	560527					
CD3e (CD3 ε chain)	Ms	145-2C11	Armenian Hamster IgG1, κ	Block, Cost, FCM	RUO	NA/LE	0.5 mg	553057	
				Cost, FCM, IP, WB	RUO	Purified	0.1 mg	557306	
				Cost, FCM, IP, WB	RUO	Purified	0.5 mg	553058	
				IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550275	
				FCM	RUO	Biotin	0.1 mg	553059	
				FCM	RUO	Biotin	0.5 mg	553060	
				FCM	RUO	Alexa Fluor® 488	0.1 mg	557666	
				FCM, IC/FCM	RUO	APC	0.1 mg	553066	
				FCM	RUO	APC-Cy7	0.1 mg	557596	
				FCM	RUO	FITC	0.1 mg	553061	
				FCM	RUO	FITC	0.5 mg	553062	
				FCM*	RUO	PE	0.1 mg	553063	
				FCM*	RUO	PE	0.2 mg	553064	
		FCM	RUO	PE-Cy5	0.1 mg	553065			
		FCM	RUO	PE-Cy7	0.1 mg	552774			
		FCM	RUO	PerCP	0.1 mg	553067			
		FCM	RUO	PerCP-Cy5.5	0.1 mg	551163			
		500A2		Syrian Hamster IgG2, κ	Cost, FCM, IP	RUO	Purified	0.5 mg	553238
					IHC(Fr)	RUO	Purified	1 mL	550277
					FCM	RUO	Biotin	0.5 mg	553239
FCM	RUO				Alexa Fluor® 700	0.1 mg	557984		
FCM	RUO				BD Horizon V450	25 µg	560804		
FCM	RUO				BD Horizon V450	0.1 mg	560801		
FCM	RUO				BD Horizon V500	25 µg	560773		
FCM	RUO	BD Horizon V500	0.1 mg	560771					
FCM	RUO	Pacific Blue™	0.1 mg	558214					
FCM	RUO	PE	0.1 mg	553240					

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
<b>CD4 (L3T4)</b>	Ms	GK1.5	Rat (Lewis) IgG <sub>2b</sub> κ	Block, Cost, Cyt, FCM	RUO	NA/LE	0.5 mg	553726			
				FCM, IP	RUO	Purified	0.5 mg	553727			
				FCM	RUO	Biotin	0.5 mg	553728			
				FCM	RUO	APC-Cy7	0.1 mg	552051			
				FCM*	RUO	APC-H7	25 µg	560246			
				FCM	RUO	APC-H7	0.1 mg	560181			
				FCM	RUO	FITC	0.1 mg	557307			
				FCM	RUO	FITC	0.5 mg	553729			
				FCM	RUO	PE	0.1 mg	557308			
				FCM	RUO	PE	0.2 mg	553730			
				H129.19	Rat (Lou/WS1) IgG <sub>2a</sub> κ	Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553646	
							FCM, IP	RUO	Purified	0.5 mg	553647
							IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550278
							FCM	RUO	Biotin	0.1 mg	553648
							FCM	RUO	Biotin	0.5 mg	553649
							FCM	RUO	FITC	0.1 mg	553650
							FCM	RUO	FITC	0.5 mg	553651
							FCM	RUO	PE	0.1 mg	553652
							FCM	RUO	PE	0.2 mg	553653
	FCM	RUO	PE-Cy5				0.1 mg	553654			
	RM4-4	Rat (SD) IgG <sub>2b</sub> κ	FCM				RUO	Purified	0.5 mg	553053	
			FCM				RUO	FITC	0.5 mg	553055	
	RM4-5	Rat (DA) IgG <sub>2a</sub> κ	IHC(Fr), IHC(Zn)				RUO	Purified	1 mL	550280	
			FCM, IP				RUO	Purified	0.5 mg	553043	
			FCM				RUO	Biotin	0.1 mg	557443	
			FCM, Sep				RUO	Biotin	0.1 mg	553044	
			FCM, Sep				RUO	Biotin	0.5 mg	553045	
			FCM				RUO	Alexa Fluor® 488	0.1 mg	557667	
			FCM	RUO	Alexa Fluor® 647	0.1 mg	557681				
			FCM	RUO	Alexa Fluor® 700	0.1 mg	557956				
			FCM	RUO	APC	0.1 mg	553051				
			FCM	RUO	FITC	0.1 mg	553046				
			FCM	RUO	FITC	0.5 mg	553047				
			FCM	RUO	BD Horizon V450	25 µg	560470				
			FCM	RUO	BD Horizon V450	0.1 mg	560468				
			FCM	RUO	BD Horizon V500	25 µg	560783				
			FCM	RUO	BD Horizon V500	0.1 mg	560782				
			FCM	RUO	Pacific Blue™	0.1 mg	558107				
	FCM*	RUO	PE	0.1 mg	553048						
	FCM*	RUO	PE	0.2 mg	553049						
	FCM	RUO	PE-Cy5	0.1 mg	553050						
	FCM	RUO	PE-Cy7	0.1 mg	552775						
	FCM	RUO	PerCP	0.1 mg	553052						
	FCM	RUO	PerCP-Cy5.5	0.1 mg	550954						

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD5 (Ly-1)</b>	Ms	53-7.3	Rat (LOU/Ws1/M) IgG <sub>2b</sub> , κ	ELISA, FCM, IHC(F), IHC(Fr), IHC(Zn), IP	RUO	Purified	0.5 mg	553017
				FCM	RUO	Biotin	0.1 mg	553018
				FCM	RUO	Biotin	0.5 mg	553019
				FCM	RUO	APC	0.1 mg	550035
				FCM	RUO	FITC	0.1 mg	553020
				FCM	RUO	FITC	0.5 mg	553021
				FCM	RUO	BD Horizon V450	50 µg	561244
				FCM	RUO	PE	0.1 mg	553022
				FCM	RUO	PE	0.2 mg	553023
				FCM	RUO	PE-Cy5	0.1 mg	553024
FCM	RUO	PerCP	0.1 mg	553025				
<b>CD5.1 (Ly-1.1)</b>	Ms	H11-86.1	Mouse (BALB/c) IgM, κ (IgM <sup>a</sup> )	FCM	RUO	FITC	0.1 mg	557487
<b>CD8a (Ly-2)</b>	Ms	53-6.7	Rat (LOU/Ws1/M) IgG <sub>2b</sub> , κ	Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553026
				FCM, IP	RUO	Purified	0.1 mg	558733
				FCM, IP	RUO	Purified	0.5 mg	553027
				IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550281
				FCM, Sep	RUO	Biotin	0.1 mg	553028
				FCM, Sep	RUO	Biotin	0.5 mg	553029
				FCM	RUO	Alexa Fluor® 488	0.1 mg	557668
				FCM	RUO	Alexa Fluor® 647	0.1 mg	557682
				FCM	RUO	Alexa Fluor® 700	0.1 mg	557959
				FCM	RUO	APC	0.1 mg	553035
				FCM	RUO	APC-Cy7	0.1 mg	557654
				FCM	RUO	APC-H7	25 µg	560247
				FCM	RUO	APC-H7	0.1 mg	560182
				FCM	RUO	FITC	0.1 mg	553030
				FCM	RUO	FITC	0.5 mg	553031
				FCM	RUO	BD Horizon V450	25 µg	560471
				FCM	RUO	BD Horizon V450	0.1 mg	560469
				FCM	RUO	BD Horizon V500	25 µg	560778
				FCM	RUO	BD Horizon V500	0.1 mg	560776
				FCM	RUO	Pacific Blue™	0.1 mg	558106
FCM*	RUO	PE	0.1 mg	553032				
FCM*	RUO	PE	0.2 mg	553033				
FCM	RUO	PE-Cy5	0.1 mg	553034				
FCM	RUO	PE-Cy7	0.1 mg	552877				
FCM	RUO	PerCP	0.1 mg	553036				
FCM	RUO	PerCP-Cy5.5	0.1 mg	551162				
<b>CD8b (Ly-3)</b>	Ms	H35-17.2	Rat IgG <sub>2b</sub> , κ	Cyt, FCM, IHC(Fr), IHC(Zn), IP	RUO	Purified	0.1 mg	550797
				FCM	RUO	PE	0.1 mg	550798
<b>CD8b.2 (Ly-3.2)</b>	Ms	53-5.8	Rat (LOU/Ws1/M) IgG <sub>1</sub> , κ	FCM, IF, IHC(Fr), IP	RUO	Purified	0.5 mg	553038
				FCM	RUO	Biotin	0.5 mg	553039
				FCM	RUO	FITC	0.5 mg	553040
				FCM	RUO	PE	0.1 mg	553041
<b>CD11a</b> (Integrin α <sub>1</sub> chain, LFA-1α)	Ms	2D7	Rat IgG <sub>2b</sub> , κ	FCM	RUO	Purified	0.5 mg	553118
				FCM	RUO	Biotin	0.1 mg	557365
				FCM	RUO	FITC	0.5 mg	553120
				FCM	RUO	PE	0.1 mg	553121
		M17/4	Rat (Wistar/Furth) IgG <sub>2b</sub> , κ	Block, FCM, IP	RUO	NA/LE	0.5 mg	553337
				IHC(Fr)	RUO	Purified	1 mL	550528
				FCM	RUO	Biotin	0.1 mg	557455
				FCM	RUO	FITC	0.5 mg	553340

Unless otherwise specified, all products are for Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale. All applications are either tested in-house or reported in the literature. See Technical Data Sheets for details.

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD25</b> (IL-2 Receptor $\alpha$ chain, p55)	Ms	3C7	Rat (Lewis) IgG <sub>2b</sub> , $\kappa$	Block, FCM	RUO	NA/LE	0.5 mg	553073
				FCM	RUO	APC	0.1 mg	558643
				FCM	RUO	FITC	0.1 mg	558689
	7D4	Rat (Lewis) IgM, $\kappa$	FCM*	RUO	PE	0.1 mg	553075	
			Cyt, ELISA, FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	553068	
			FCM	RUO	Biotin	0.1 mg	553069	
			FCM	RUO	Biotin	0.5 mg	553070	
			IHC(Fr)	RUO	Biotin	1 mL	550529	
			FCM	RUO	FITC	0.1 mg	553071	
			FCM	RUO	FITC	0.5 mg	553072	
			FCM	RUO	PE	0.1 mg	558642	
			Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553864	
			FCM, IP	RUO	Purified	0.1 mg	557425	
			FCM	RUO	APC	0.1 mg	557192	
	PC61	Rat (Outbred OFA) IgG <sub>1</sub> , $\lambda$	Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553864	
			FCM, IP	RUO	Purified	0.1 mg	557425	
			FCM	RUO	APC	0.1 mg	557192	
FCM			RUO	APC-Cy7	0.1 mg	557658		
FCM			RUO	BD Horizon V450	50 $\mu$ g	561257		
FCM			RUO	PE	0.2 mg	553866		
FCM			RUO	PE-Cy7	0.1 mg	552880		
FCM	RUO	PerCP-Cy5.5	0.1 mg	551071				
<b>CD28</b>	Ms	37.51	Syrian Hamster IgG2, $\lambda$ 1	Block, Cost, FCM	RUO	NA/LE	0.5 mg	553294
				FCM, IHC(Fr), IP	RUO	Purified	0.1 mg	557393
				FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	553295
				FCM	RUO	Biotin	0.5 mg	553296
				FCM*	RUO	PE	0.2 mg	553297
<b>CD30</b>	Ms	mCD30.1	Armenian Hamster IgG1, $\kappa$	FCM	RUO	Biotin	0.5 mg	553824
				FCM*	RUO	PE	0.2 mg	553825
<b>CD38</b> (Pgp-1, H-CAM, Ly-24)	Ms	90	Rat IgG <sub>2a</sub> , $\kappa$	FCM	RUO	Biotin	0.5 mg	553762
				FCM	RUO	FITC	0.1 mg	558813
				FCM*	RUO	PE	0.2 mg	553764
<b>CD44</b> (Pgp-1, H-CAM, Ly-24)	Ms	IM7	Rat IgG <sub>2b</sub> , $\kappa$	Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553130
				Cyt, ELISA, FCM, IP	RUO	Purified	0.5 mg	553131
				FCM	RUO	Biotin	0.5 mg	553132
				FCM	RUO	APC	0.1 mg	559250
				FCM	RUO	FITC	0.5 mg	553133
				FCM	RUO	BD Horizon V450	25 $\mu$ g	560452
				FCM	RUO	BD Horizon V450	0.1 mg	560451
				FCM	RUO	BD Horizon V500	25 $\mu$ g	560781
				FCM	RUO	BD Horizon V500	0.1 mg	560780
				FCM	RUO	PE	0.1 mg	553134
				FCM	RUO	PE-Cy5	0.1 mg	553135
				KM114	Rat (LOU/MN) IgG <sub>1</sub> , $\kappa$	Block, FCM	RUO	NA/LE
		FCM, WB	RUO			Purified	0.1 mg	558739
		IF, IP, WB	RUO			Purified	150 $\mu$ g	610265
		<b>CD45</b> (Leukocyte Common Antigen)	Hu, Ms, Rat	69	Mouse IgG <sub>1</sub> , $\kappa$	IF, IP, WB	RUO	Purified
IF, IP, WB	RUO					Purified	150 $\mu$ g	610266

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD45</b> (Leukocyte Common Antigen, Ly-5)	Ms	30-F11	Rat (LOU/Ws1/M) IgG <sub>2b</sub> κ	IHC(F), IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550539
				Cyt, FCM, IP	RUO	Purified	0.5 mg	553076
				FCM	RUO	Biotin	0.1 mg	553077
				FCM	RUO	Biotin	0.5 mg	553078
				FCM	RUO	Alexa Fluor® 700	50 µg	560510
				FCM	RUO	APC	0.1 mg	559864
				FCM	RUO	APC-Cy7	0.1 mg	557659
				FCM	RUO	FITC	0.1 mg	553079
				FCM	RUO	FITC	0.5 mg	553080
				FCM	RUO	BD Horizon V450	50 µg	560501
				FCM	RUO	PE	0.1 mg	553081
				FCM	RUO	PE-Cy5	0.1 mg	553082
				FCM	RUO	PE-Cy7	0.1 mg	552848
				FCM	RUO	PerCP	0.1 mg	557235
FCM	RUO	PerCP-Cy5.5	0.1 mg	550994				
<b>CD45.1</b>	Ms	A20	Mouse IgG <sub>2a</sub> κ	FCM	RUO	Biotin	0.5 mg	553774
				FCM	RUO	Alexa Fluor® 700	50 µg	561235
				FCM	RUO	APC	0.1 mg	558701
				FCM	RUO	APC-Cy7	50 µg	560579
				FCM	RUO	FITC	0.5 mg	553775
				FCM	RUO	BD Horizon V450	50 µg	560520
				FCM	RUO	PE	0.2 mg	553776
				FCM	RUO	PE-Cy7	50 µg	560578
<b>CD45.2</b>	Ms	104	Mouse IgG <sub>2a</sub> κ	FCM	RUO	Biotin	0.5 mg	553771
				FCM	RUO	Alexa Fluor® 700	50 µg	560693
				FCM	RUO	APC	0.1 mg	558702
				FCM	RUO	APC-Cy7	50 µg	560694
				FCM	RUO	FITC	0.5 mg	553772
				FCM	RUO	BD Horizon V450	50 µg	560697
				FCM	RUO	PE	0.1 mg	560695
				FCM	RUO	PE-Cy7	50 µg	560696
				FCM	RUO	PerCP-Cy5.5	25 µg	561096
<b>CD45RA</b>	Ms	14.8	Rat IgG <sub>2b</sub> κ	FCM	RUO	Biotin	0.1 mg	557460
				FCM	RUO	PE	0.2 mg	553380
<b>CD45RB</b>	Ms	16A	Rat IgG <sub>2a</sub> κ	FCM	RUO	Biotin	0.1 mg	553097
				FCM	RUO	Biotin	0.5 mg	553098
				FCM	RUO	FITC	0.1 mg	553099
				FCM	RUO	FITC	0.5 mg	553100
				FCM	RUO	PE	0.1 mg	553101
<b>CD54 (ICAM-1)</b>	Ms	3E2	Armenian Hamster IgG1, κ	Block, FCM	RUO	NA/LE	0.5 mg	553249
				IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550287
				FCM	RUO	Purified	0.5 mg	553250
				FCM, IF	RUO	Biotin	0.5 mg	553251
				FCM	RUO	FITC	0.5 mg	553252
				FCM*	RUO	PE	0.2 mg	553253
<b>CD56 (N-CAM)</b>	Chick, Hu, Ms, Rat	12F11	Rat IgG <sub>2a</sub>	IHC(Fr), WB	RUO	Purified	0.1 mg	556323
	Hu, Ms, Rat	12F8	Rat IgM	IHC(Fr), WB	RUO	Purified	0.1 mg	556325
	Ms, Rat	N-CAM 13	Mouse IgG <sub>2a</sub>	IHC(Fr), WB	RUO	Purified	0.1 mg	556324

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
<b>CD62L</b> (L-selectin, LECAM-1, Ly-22)	Ms	MEL-14	Rat (Fischer) IgG <sub>2a</sub> , κ	Block, Cyt, FCM	RUO	NA/LE	0.5 mg	553147		
				Cyt, FCM, IHC(Fr), IHC(Zn), IP	RUO	Purified	0.5 mg	553148		
				FCM	RUO	Biotin	0.5 mg	553149		
				FCM	RUO	Alexa Fluor® 700	50 µg	560517		
				FCM	RUO	APC	0.1 mg	553152		
				FCM	RUO	APC-Cy7	50 µg	560514		
				FCM	RUO	FITC	0.5 mg	553150		
				FCM	RUO	BD Horizon V450	50 µg	560507		
				FCM*	RUO	PE	0.2 mg	553151		
				FCM	RUO	PE-Cy7	50 µg	560516		
<b>CD62P (P-selectin)</b>	Ms	RB40.34	Rat (Lewis) IgG <sub>1</sub> , λ	Block, FCM	RUO	NA/LE	0.5 mg	553741		
				IHC(Fr)	RUO	Purified	1 mL	550289		
				ELISA, FCM, IP	RUO	Purified	0.5 mg	553742		
				FCM	RUO	Biotin	0.5 mg	553743		
				FCM	RUO	FITC	0.5 mg	553744		
<b>CD69</b> (Very Early Activation Antigen)	Ms	H1.2F3	Armenian Hamster IgG1, λ3	FCM	RUO	Biotin	0.5 mg	553235		
				FCM	RUO	Alexa Fluor® 700	50 µg	561238		
				FCM	RUO	APC	50 µg	560689		
				FCM	RUO	APC-Cy7	50 µg	561240		
				FCM	RUO	FITC	0.1 mg	557392		
				FCM	RUO	FITC	0.5 mg	553236		
				FCM	RUO	BD Horizon V450	50 µg	560690		
				FCM	RUO	PE	0.2 mg	553237		
				FCM	RUO	PE-Cy7	0.1 mg	552879		
				FCM	RUO	PerCP-Cy5.5	0.1 mg	551113		
<b>CD86 (B7-2)</b>	Ms	GL1	Rat (Louvain) IgG <sub>2a</sub> , κ	Block, FCM	RUO	NA/LE	0.5 mg	553688		
				IHC(Fr)	RUO	Purified	1 mL	550542		
				EM, FCM, IF, IP	RUO	Purified	0.5 mg	553689		
				FCM	RUO	Biotin	0.5 mg	553690		
				FCM	RUO	Alexa Fluor® 700	50 µg	560581		
				FCM	RUO	APC	0.1 mg	558703		
				FCM	RUO	FITC	0.5 mg	553691		
				FCM	RUO	PE	0.2 mg	553692		
				FCM	RUO	PE-Cy7	50 µg	560582		
				PO3	RUO	NA/LE	0.5 mg	553838		
		<b>CD95 (Fas/APO-1)</b>	Chick, Dog, Hu, Ms, Rat	13	Mouse IgG <sub>1</sub>	IF, IHC, WB	RUO	Purified	50 µg	610197
						IF, IHC, WB	RUO	Purified	150 µg	610198
				Jo2	Armenian Hamster IgG2, λ2	FA, FCM, IP	RUO	NA/LE	0.5 mg	554254
FCM, IP	RUO					Purified	500 µg	554255		
FCM	RUO					Biotin	0.5 mg	554256		
FCM	RUO					FITC	0.5 mg	554257		
FCM	RUO					PE	0.2 mg	554258		
FCM	RUO	PE-Cy7	0.1 mg	557653						
<b>CD103</b> (Integrin α <sub>IEL</sub> chain)	Ms	M290	Rat (LOU/c) IgG <sub>2a</sub> , κ	Block, Cost, FCM, IHC(Fr), IP	RUO	NA/LE	0.5 mg	553699		
				FCM	RUO	Biotin	0.1 mg	557493		
				FCM	RUO	FITC	0.1 mg	557494		
				FCM	RUO	PE	0.1 mg	557495		
<b>CD119</b> (IFN-γ Receptor α chain)	Ms	2E2	Armenian Hamster IgG1, κ	FCM, IP	RUO	Purified	0.5 mg	559911		
				FCM	RUO	Biotin	0.1 mg	558771		
				FCM	RUO	Biotin	0.5 mg	550482		

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD122</b> (IL-2 and IL-15 Receptor $\beta$ chain)	Ms	5H4	Rat IgG <sub>2b</sub>	FCM, IP	RUO	Purified	0.5 mg	554451
				FCM	RUO	FITC	0.5 mg	554452
		TM- $\beta$ 1	Rat (Sprague-Dawley) IgG <sub>2b</sub> $\kappa$	Block, FCM, IP	RUO	NA/LE	0.5 mg	553359
				FCM	RUO	Biotin	0.5 mg	559884
				FCM	RUO	FITC	0.5 mg	553361
			FCM	RUO	PE	0.2 mg	553362	
<b>CD124</b> (IL-4 Receptor $\alpha$ chain)	Ms	mIL4R-M1	Rat IgG <sub>2a</sub> $\kappa$	Neu	RUO	NA/LE	0.5 mg	552288
				FCM, IP	RUO	Purified	0.1 mg	551853
				FCM	RUO	Biotin	0.1 mg	552508
				FCM	RUO	PE	0.1 mg	552509
		mIL4R-M2	Rat IgG <sub>2a</sub> $\kappa$	ELISA Cap., IP	RUO	Purified	0.5 mg	552952
<b>CD126</b> (IL-6 Receptor $\alpha$ chain)	Ms	D7715A7	Rat IgG <sub>2a</sub> $\kappa$	Block	RUO	NA/LE	0.5 mg	554459
				FCM	RUO	PE	0.2 mg	554462
<b>CD127</b> (IL-7 Receptor $\alpha$ chain)	Ms	B12-1	Rat (Wistar) IgG <sub>2a</sub> $\lambda$	FCM	RUO	Biotin	0.5 mg	555288
				Block, FCM	RUO	NA/LE	0.5 mg	550426
		SB/14	Rat IgG <sub>2a</sub> $\kappa$	FCM	RUO	BD Horizon V450	50 $\mu$ g	561205
		SB/199	Rat IgG <sub>2a</sub> $\kappa$	FCM	RUO	PE	0.2 mg	552543
				FCM	RUO	PE-Cy7	50 $\mu$ g	560733
<b>CD134 (OX-40 Antigen)</b>	Ms	OX-86	Rat (AO) IgG <sub>1</sub> $\kappa$	FCM, IHC(Fr), WB	RUO	Purified	0.5 mg	559861
				FCM	RUO	Biotin	0.5 mg	559862
<b>CD137 (4-1BB, Ly-63)</b>	Ms	1A2	Rat (Sprague-Dawley) IgG <sub>1</sub> $\kappa$	Cost, FCM	RUO	NA/LE	0.5 mg	553831
				FCM	RUO	Biotin	0.1 mg	558974
				FCM	RUO	FITC	0.1 mg	558975
				FCM, IC/FCM	RUO	PE	0.1 mg	558976
<b>CD152 (CTLA-4)</b>	Ms	9H10	Syrian Hamster IgG2, $\kappa$	Block, Cost, FCM	RUO	NA/LE	0.5 mg	552278
				FCM, IC/FCM	RUO	Purified	0.5 mg	552279
		UC10-4F10-11	Armenian Hamster IgG1, $\kappa$	Block, Cost, FCM	RUO	NA/LE	0.5 mg	553718
				FCM, IP	RUO	Purified	0.5 mg	553719
				FCM, IC/FCM	RUO	PE	0.1 mg	553720
<b>CD154</b> (CD40 Ligand, gp39)	Ms	MR1	Armenian Hamster IgG3, $\kappa$	Block, FCM	RUO	NA/LE	0.5 mg	553655
				FCM, IHC(Fr)	RUO	Purified	0.5 mg	553656
				FCM	RUO	Biotin	0.5 mg	553657
				FCM	RUO	PE	0.2 mg	553658
<b>CD184 (CXCR4, Fusin)</b>	Ms	2B11/CXCR4	Rat IgG <sub>2b</sub>	FCM	RUO	Purified	0.1 mg	551852
				FCM	RUO	Biotin	0.1 mg	551968
				FCM	RUO	APC	0.1 mg	558644
				FCM	RUO	FITC	0.1 mg	551967
				FCM	RUO	BD Horizon V450	50 $\mu$ g	560875
				FCM	RUO	PE	0.1 mg	551966
<b>CD193 (CCR3)</b>	Ms	83103	Rat IgG <sub>2b</sub>	FCM	RUO	Alexa Fluor® 647	0.1 mg	557974
<b>CD195 (CCR5)</b>	Ms	C34-3448	Rat IgG <sub>2c</sub>	FCM	RUO	Purified	0.5 mg	559921
				FCM	RUO	Biotin	0.5 mg	559922
				FCM	RUO	PE	0.2 mg	559923
<b>CD197 (CCR7)</b>	Ms	4B12	Rat IgG <sub>2b</sub>	FCM	RUO	Alexa Fluor® 647	0.1 mg	560766
				FCM	RUO	BD Horizon V450	0.1 mg	560805
				FCM	RUO	PE	0.1 mg	560682
				FCM	RUO	PerCP-Cy5.5	0.1 mg	560812
<b>CD212</b> (IL-12 Receptor $\beta$ chain)	Ms	114	Mouse IgG <sub>2a</sub> $\kappa$	FCM	RUO	Biotin	0.1 mg	551973
				FCM	RUO	PE	0.1 mg	551974

# Immunology Product List

## Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
<b>CD278 (ICOS)</b>	Ms	7E.17G9	Rat IgG <sub>2b</sub> , κ	Block, FCM	RUO	NA/LE	0.5 mg	<b>552437</b>				
				FCM	RUO	Biotin	0.5 mg	<b>552145</b>				
				FCM	RUO	PE	0.2 mg	<b>552146</b>				
<b>CD279 (PD-1)</b>	Ms	J43	Armenian Hamster IgG2, κ	Block, FCM, IP	RUO	Purified	0.1 mg	<b>551891</b>				
				FCM	RUO	PE	0.1 mg	<b>551892</b>				
<b>CTLA-4 - IgG Fusion Protein (Non-Cytolytic)</b>				Block	RUO	NA/LE	0.5 mg	<b>552133</b>				
<b>CXCR5 (CD185)</b>	Ms	2G8	Rat IgG <sub>2a</sub>	FCM, IF	RUO	Purified	0.1 mg	<b>551961</b>				
				FCM	RUO	Biotin	0.1 mg	<b>551960</b>				
				FCM	RUO	APC	50 µg	<b>560615</b>				
				FCM	RUO	FITC	0.1 mg	<b>560577</b>				
				FCM	RUO	PE	0.1 mg	<b>551959</b>				
				FCM	RUO	PE-Cy7	50 µg	<b>560617</b>				
<b>FR4</b>	Ms	12A5	Rat IgG <sub>1</sub> , κ	FCM	RUO	APC	0.1 mg	<b>560318</b>				
				FCM	RUO	PE	0.1 mg	<b>560320</b>				
		TH6	Rat IgG <sub>2b</sub> , κ	FCM	RUO	APC	0.1 mg	<b>560319</b>				
				FCM	RUO	PE	0.1 mg	<b>560324</b>				
				<b>GITR</b>	Ms	DTA-1	Rat (Wistar) IgG <sub>2b</sub> , λ	Block, Cost, FCM	RUO	NA/LE	0.5 mg	<b>558213</b>
								FCM	RUO	FITC	0.1 mg	<b>558139</b>
FCM	RUO	PE	0.1 mg					<b>558119</b>				
FCM	RUO	PE-Cy7	0.1 mg					<b>558140</b>				
<b>IFN-γ Receptor β Chain</b>	Ms	MOB-47	Armenian Hamster IgG1, κ	FCM, IP, WB	RUO	Purified	0.5 mg	<b>559917</b>				
<b>IL-12 Receptor β<sub>2</sub></b>	Ms	HAM10B9	Armenian Hamster IgG1, κ	FCM	RUO	Purified	0.1 mg	<b>552819</b>				
<b>IL-21 Receptor</b>	Ms	4A9	Rat IgG <sub>2a</sub> , κ	FCM	RUO	PE	0.1 mg	<b>558607</b>				
<b>NKG2A/C/E</b>	Ms	20d5	Rat (Lewis) IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	<b>550518</b>				
				FCM	RUO	Biotin	0.1 mg	<b>550519</b>				
				FCM	RUO	FITC	0.5 mg	<b>550520</b>				
<b>TCRβ</b>	Ms	H57-597	Armenian Hamster IgG2, λ1	FCM	RUO	NA/LE	0.5 mg	<b>553166</b>				
				FCM	RUO	Purified	0.5 mg	<b>553167</b>				
				FCM	RUO	Biotin	0.1 mg	<b>553168</b>				
				FCM	RUO	Biotin	0.5 mg	<b>553169</b>				
				FCM	RUO	Alexa Fluor® 700	50 µg	<b>560705</b>				
				FCM	RUO	APC	25 µg	<b>561080</b>				
				FCM	RUO	APC	0.1 mg	<b>553174</b>				
				FCM	RUO	APC-Cy7	50 µg	<b>560656</b>				
				FCM	RUO	FITC	0.1 mg	<b>553170</b>				
				FCM	RUO	FITC	0.5 mg	<b>553171</b>				
				FCM	RUO	BD Horizon V450	50 µg	<b>560706</b>				
				FCM	RUO	PE	25 µg	<b>561081</b>				
				FCM	RUO	PE	0.1 mg	<b>553172</b>				
				FCM	RUO	PE-Cy5	0.1 mg	<b>553173</b>				
FCM	RUO	PE-Cy7	50 µg	<b>560729</b>								
FCM	RUO	PerCP-Cy5.5	50 µg	<b>560657</b>								

## Immunology Product List

### Anti-Mouse Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
TCR $\gamma\delta$	Ms	GL3	Armenian Hamster IgG2, $\kappa$	FCM, IF, IHC(Fr), IP	RUO	Purified	0.5 mg	553175
				FCM	RUO	Biotin	0.5 mg	553176
				FCM	RUO	FITC	0.5 mg	553177
				FCM	RUO	PE	0.1 mg	553178
	GL4	Armenian Hamster IgG2, $\kappa$	Cost, FCM, IP	RUO	Purified	0.5 mg	553180	
			UC7-13D5	Armenian Hamster IgG3, $\kappa$	Cost, Cyt, FCM	RUO	NA/LE	0.5 mg
				Cost, FCM, IP	RUO	Purified	0.5 mg	553182

## Immunology Product List

### Anti-Mouse Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
Foxp3	Ms	MF23	Rat IgG <sub>2b</sub>	IC/FCM	RUO	Alexa Fluor® 488	25 $\mu$ g	560407		
				IC/FCM	RUO	Alexa Fluor® 488	0.1 mg	560403		
				IC/FCM	RUO	Alexa Fluor® 647	25 $\mu$ g	560402		
				IC/FCM	RUO	Alexa Fluor® 647	0.1 mg	560401		
				IC/FCM	RUO	BD Horizon V450	50 $\mu$ g	561293		
				IC/FCM	RUO	PE	25 $\mu$ g	560414		
				IC/FCM	RUO	PE	0.1 mg	560408		
				IC/FCM	RUO	PE	0.1 mg	560408		
GM-CSF	Ms	MP1-22E9	Rat IgG <sub>2a</sub>	Neu	RUO	NA/LE	0.5 mg	554403		
				ELISA Cap., FCM, WB	RUO	Purified	0.5 mg	554404		
				IC/FCM	RUO	PE	0.1 mg	554406		
		MP1-31G6	Rat IgG <sub>1</sub>	ELISA Det., IP/WB	RUO	Biotin	0.5 mg	554407		
IFN- $\gamma$	Ms	AN-18	Rat IgG <sub>1</sub> , $\kappa$	ELISA Cap., IP	RUO	Purified	0.5 mg	551309		
				H22	Armenian Hamster IgG1, $\kappa$	Neu	RUO	NA/LE	0.25 mg	557530
				R4-6A2	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554430
		XMG1.2	Rat IgG <sub>1</sub> , $\kappa$		ELISA Cap., WB	RUO	Purified	1.0 mg	551216	
					ELISA Det.	RUO	Biotin	0.5 mg	551506	
					Neu	RUO	NA/LE	0.5 mg	554408	
					IC/FCM Block, WB	RUO	Purified	0.1 mg	554409	
					ICC	RUO	Purified	0.25 mg	559065	
					ELISA Det.	RUO	Biotin	0.5 mg	554410	
					IC/FCM	RUO	Alexa Fluor® 488	0.1 mg	557724	
					IC/FCM	RUO	Alexa Fluor® 647	0.1 mg	557735	
					IC/FCM	RUO	Alexa Fluor® 700	0.1 mg	557998	
					IC/FCM	RUO	APC	0.1 mg	554413	
		IC/FCM	RUO	FITC	0.1 mg	554411				
		IC/FCM	RUO	BD Horizon V450	50 $\mu$ g	560661				
		IC/FCM	RUO	PE	0.1 mg	554412				
		IC/FCM	RUO	PE-Cy7	0.1 mg	557649				
IC/FCM	RUO	PerCP-Cy5.5	50 $\mu$ g	560660						
IL-1 $\beta$	Ms	B122	Armenian Hamster IgG1, $\lambda$ 1	Neu	RUO	NA/LE	0.25 mg	557539		
				ELISA Cap., IP/WB	RUO	Purified	0.5 mg	550605		

# Immunology Product List

## Anti-Mouse Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
IL-2	Ms	JES6-1A12	Rat IgG <sub>2a</sub>	ELISA Cap., IP/WB	RUO	Purified	0.5 mg	554424		
				IC/FCM Block, IP	RUO	Purified	0.1 mg	554425		
				ELISA Det.	RUO	Biotin	0.5 mg	554426		
				IC/FCM	RUO	Alexa Fluor® 488	0.1 mg	557725		
				IC/FCM	RUO	APC	0.1 mg	554429		
				IC/FCM	RUO	APC-Cy7	50 µg	560547		
				IC/FCM	RUO	FITC	0.1 mg	554427		
				IC/FCM	RUO	BD Horizon V450	50 µg	560546		
				IC/FCM	RUO	PE	0.1 mg	554428		
				IC/FCM	RUO	PE-Cy7	50 µg	560538		
		IC/FCM	RUO	PerCP-Cy5.5	50 µg	560544				
		S4B6	Rat IgG <sub>2a</sub>	FA, Neu	RUO	NA/LE	0.5 mg	554375		
		IL-4	Ms	11B11	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554432
						Block, IC/FCM	RUO	Purified	0.1 mg	554433
ICC	RUO					Purified	0.25 mg	559062		
ELISA Cap.	RUO					Purified	0.5 mg	554434		
IC/FCM	RUO					Alexa Fluor® 488	0.1 mg	557728		
IC/FCM	RUO					Alexa Fluor® 647	0.1 mg	557739		
IC/FCM	RUO					APC	0.1 mg	554436		
IC/FCM	RUO					BD Horizon V450	50 µg	560701		
IC/FCM	RUO					PE	0.1 mg	554435		
IC/FCM	RUO					PE-Cy7	50 µg	560699		
IC/FCM	RUO			PerCP-Cy5.5	50 µg	560700				
BVD4-1D11	Rat IgG <sub>2b</sub>			Neu	RUO	NA/LE	0.5 mg	554385		
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.1 mg	554386		
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	554387		
				FCM	RUO	PE	0.1 mg	554389		
BVD6-24G2	Rat IgG <sub>1</sub>			ELISA Det.	RUO	Biotin	0.5 mg	554390		
IL-5	Ms			TRFK4	Rat IgG <sub>2a</sub>	ELISA Det.	RUO	Biotin	0.5 mg	554397
						Neu	RUO	NA/LE	0.5 mg	554391
		TRFK5	Rat IgG <sub>1</sub>	ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.1 mg	554392		
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	554393		
				IC/FCM	RUO	APC	0.1 mg	554396		
		IC/FCM	RUO	PE	0.1 mg	554395				
		IL-6	Ms	MP5-20F3	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554398
ELISA Cap., IC/FCM Block, WB	RUO					Purified	0.5 mg	554400		
IC/FCM	RUO					PE	0.1 mg	554401		
MP5-32C11	Rat IgG <sub>2a</sub>			ELISA Det., WB	RUO	Biotin	0.5 mg	554402		
IL-9	Ms			D8402E8	Rat IgG <sub>2a</sub>	ELISA Cap.	RUO	Purified	1.0 mg	551218
		D9302C12	Armenian Hamster IgG2, κ			Neu	RUO	NA/LE	0.5 mg	554472
						ELISA Det.	RUO	Biotin	0.5 mg	554473
IL-10	Ms	JES5-2A5	Rat IgG <sub>1</sub> , κ	Neu	RUO	NA/LE	0.5 mg	554421		
				ELISA Cap., WB	RUO	Purified	1.0 mg	551215		
				JES5-16E3	Rat IgG <sub>2b</sub>	Neu	RUO	NA/LE	0.5 mg	554463
						IC/FCM Block	RUO	Purified	0.1 mg	554464
						ICC	RUO	Purified	0.25 mg	559063
		SXC-1	Rat IgM	ELISA Det.	RUO	Biotin	0.5 mg	554465		
				IC/FCM	RUO	APC	0.1 mg	554468		
				IC/FCM	RUO	FITC	0.1 mg	554466		
				IC/FCM	RUO	PE	0.1 mg	554467		
				ELISA Det.	RUO	Biotin	0.5 mg	554423		
				ELISA Det.	RUO	Biotin	0.5 mg	554423		

# Immunology Product List

## Anti-Mouse Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
IL-12 (p40/p70)	Ms	C15.6	Rat IgG <sub>1</sub>	IC/FCM Block	RUO	Purified	0.1 mg	554477		
				ELISA Cap.	RUO	Purified	1.0 mg	551219		
				IC/FCM	RUO	FITC	0.1 mg	560564		
				IC/FCM	RUO	APC	0.1 mg	554480		
				IC/FCM	RUO	PE	0.1 mg	554479		
		C17.8	Rat IgG <sub>2a</sub>	Neu	RUO	NA/LE	0.5 mg	554475		
				ELISA Det., IP, WB	RUO	Biotin	0.5 mg	554476		
IL-12 (p70)	Ms	9A5	Rat IgG <sub>2b</sub>	ELISA Cap.	RUO	Purified	0.5 mg	554658		
IL-17A	Ms	TC11-8H4.1	Rat IgG <sub>1</sub>	ELISA Det., WB	RUO	Biotin	0.5 mg	555067		
			TC11-18H10	Rat IgG <sub>1</sub> , κ	IC/FCM, Neu, WB	RUO	NA/LE	0.5 mg	560268	
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.1 mg	559501		
				ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.5 mg	555068		
				IC/FCM	RUO	Alexa Fluor® 488	25 µg	560221		
				IC/FCM	RUO	Alexa Fluor® 488	0.1 mg	560220		
				IC/FCM	RUO	Alexa Fluor® 647	25 µg	560224		
				IC/FCM	RUO	Alexa Fluor® 647	0.1 mg	560184		
				IC/FCM	RUO	Alexa Fluor® 700	50 µg	560820		
				IC/FCM	RUO	APC-Cy7	50 µg	560821		
				IC/FCM	RUO	BD Horizon V450	50 µg	560522		
				IC/FCM	RUO	PE	0.1 mg	559502		
				IC/FCM	RUO	PerCP-Cy5.5	0.1 mg	560666		
		TGF-β1	Hu, Ms, Pig	A75-2	Rat IgG <sub>2a</sub>	ELISA Cap., WB	RUO	Purified	0.5 mg	555052
ELISA Det.	RUO					Biotin	0.5 mg	555053		
TNF	Ms, Rat	516D1A1	Human Fab Ig	ELISA Det.	RUO	Biotin	0.5 mg	558415		
				C1150-14	Rabbit Ig	ELISA Det.	RUO	Biotin	0.5 mg	557432
				G281-2626	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554640
					ELISA Cap., WB	RUO	Purified	1.0 mg	551225	
		TN3-19.12	Armenian Hamster IgG1, λ1	IP, Neu, WB	RUO	NA/LE	0.5 mg	557370		
				ELISA Cap., IC/FCM Block, IP, WB	RUO	Purified	0.5 mg	557516		
				IC/FCM	RUO	PE	0.1 mg	559503		
		Ms	MP6-XT3	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554414	
					ELISA Det., WB	RUO	Biotin	0.5 mg	554415	
	MP6-XT22		Rat IgG <sub>1</sub>	ELISA Cap., IC/FCM Block, WB	RUO	Purified	0.1 mg	554416		
				ICC	RUO	Purified	0.25 mg	559064		
				IC/FCM	RUO	Alexa Fluor® 488	0.1 mg	557719		
				IC/FCM	RUO	Alexa Fluor® 647	0.1 mg	557730		
				IC/FCM	RUO	Alexa Fluor® 700	0.1 mg	558000		
				IC/FCM	RUO	APC	0.1 mg	554420		
				IC/FCM	RUO	APC-Cy7	50 µg	560658		
				IC/FCM	RUO	FITC	0.1 mg	554418		
	IC/FCM	RUO	BD Horizon V450	50 µg	560655					
	IC/FCM	RUO	PE	0.1 mg	554419					
IC/FCM	RUO	PE-Cy7	0.1 mg	557644						
IC/FCM	RUO	PerCP-Cy5.5	50 µg	560659						

# Immunology Product List

## Anti-Non-Human Primate Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD3</b>	Bab, Cyno, Rhe	SP34	Mouse IgG <sub>2b</sub> , λ	FCM	RUO	NA/LE	0.5 mg	557052
				FCM	RUO	Purified	0.1 mg	556610
				FCM	RUO	FITC	50 tests	556611
				FCM	RUO	PE	50 tests	556612
				FCM	RUO	Purified	0.1 mg	551916
				FCM	RUO	Alexa Fluor® 488	50 tests	557705
				FCM	RUO	Alexa Fluor® 700	0.1 mg	557917
		SP34-2	Mouse IgG <sub>1</sub> , λ	FCM	RUO	Purified	0.1 mg	551916
				FCM	RUO	Alexa Fluor® 488	50 tests	557705
				FCM	RUO	Alexa Fluor® 700	0.1 mg	557917
				FCM	RUO	APC	50 tests	557597
				FCM	RUO	APC-Cy7	50 tests	557757
				FCM	RUO	BD Horizon V450	30 tests	560352
				FCM	RUO	BD Horizon V450	120 tests	560351
				FCM	RUO	BD Horizon V500	25 tests	560772
				FCM	RUO	BD Horizon V500	100 tests	560770
				FCM	RUO	Pacific Blue™	0.1 mg	558124
FCM	RUO	PE	50 tests	552127				
FCM	RUO	PE-Cy7	50 tests	557749				
FCM	RUO	PerCP	50 tests	552851				
FCM	RUO	PerCP-Cy5.5	50 tests	552852				
<b>CD4</b>	Bab, Cyno, Rhe	L200	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	550625
				FCM	RUO	Alexa Fluor® 700	50 tests	560836
				FCM	RUO	APC	50 tests	551980
				FCM	RUO	APC-H7	50 tests	560837
				FCM	RUO	FITC	50 tests	550628
				FCM	RUO	BD Horizon V450	50 tests	560811
				FCM	RUO	PE	50 tests	550630
		M-T477	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	PerCP	50 tests	550631
				FCM	RUO	PerCP-Cy5.5	50 tests	552838
				FCM	RUO	Purified	0.1 mg	556614
				FCM	RUO	FITC	50 tests	556615
				FCM	RUO	PE	50 tests	556616
				FCM	RUO	PE	50 tests	556616
<b>CD8</b>	Bab, Cyno, Rhe	RPA-T8	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	557084
				FCM	RUO	Alexa Fluor® 488	50 tests	557704
				FCM	RUO	APC-Cy7	50 tests	557760
				FCM	RUO	FITC	50 tests	557085
				FCM	RUO	PE	50 tests	557086
				FCM	RUO	PE-Cy7	50 tests	557750
<b>CD25</b> (IL-2 Receptor α chain)	Bab, Cyno, Rhe	M-A251	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	50 tests	557138
<b>CD28</b>	Bab, Cyno, Rhe	CD28.2	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	556620
				FCM	RUO	APC	50 tests	560683
				FCM	RUO	FITC	50 tests	556621
				FCM	RUO	PE	50 tests	556622
				FCM	RUO	PerCP-Cy5.5	50 tests	560685
<b>CD45</b>	Cyno, Rhe	TÜ116	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	50 tests	557059
				FCM	RUO	PE-Cy5	50 tests	557075
				FCM	RUO	PerCP	50 tests	557513
				FCM	RUO	PerCP-Cy5.5	50 tests	552724
<b>CD45</b> (Pan Leukocyte, NHP-specific)	Bab, Cyno, Rhe	D058-1283	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	552566
				FCM	RUO	Alexa Fluor® 700	50 tests	561288
				FCM	RUO	APC	50 tests	561290
				FCM	RUO	FITC	50 tests	557803
				FCM	RUO	BD Horizon V450	50 tests	561291
				FCM	RUO	PE	50 tests	552833
				FCM	RUO	PE-Cy7	50 tests	561294
				FCM	RUO	PerCP	50 tests	558411

## Immunology Product List

### Anti-Non-Human Primate Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD45RA</b>	Bab, Cyno, Rhe	5H9	Mouse IgG <sub>1</sub> , κ	FCM	RUO	Purified	0.1 mg	<b>556625</b>
				FCM	RUO	APC	50 tests	<b>561210</b>
				FCM	RUO	APC-H7	50 tests	<b>561212</b>
				FCM	RUO	FITC	50 tests	<b>556626</b>
				FCM	RUO	BD Horizon V450	50 tests	<b>561220</b>
				FCM	RUO	PE	50 tests	<b>556627</b>
				FCM	RUO	PE-Cy5	50 tests	<b>552888</b>
				FCM	RUO	PE-Cy7	50 tests	<b>561216</b>
<b>CD69</b>	Bab, Cyno, Rhe	FN50	Mouse IgG <sub>1</sub> , κ	FCM	RUO	APC	50 tests	<b>560711</b>
				FCM	RUO	APC-H7	50 tests	<b>560737</b>
				FCM	RUO	PE-Cy7	50 tests	<b>560712</b>
				FCM	RUO	PerCP-Cy5.5	50 tests	<b>560738</b>
<b>CD154 (CD40 Ligand)</b>	Bab, Cyno, Rhe	TRAP1	Mouse IgG <sub>1</sub> , κ	FCM	RUO	FITC	50 tests	<b>558988</b>
<b>CD183 (CXCR3)</b>	Cyno, Rhe	1C6/CXCR3	Mouse IgG <sub>1</sub> , κ	FCM	RUO	APC	50 tests	<b>561324</b>
				FCM	RUO	PE	50 tests	<b>550633</b>
<b>CD184 (CXCR4, Fusin)</b>	Bab, Cyno, Rhe	12G5	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	PE	50 tests	<b>557145</b>
				FCM	RUO	PerCP-Cy5.5	50 tests	<b>560670</b>
<b>CD195 (CCR5)</b>	Cyno, Rhe	3A9	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	APC	50 tests	<b>560748</b>
				FCM	RUO	PE	50 tests	<b>550632</b>
<b>CD196 (CCR6)</b>	Cyno, Rhe	11A9	Mouse IgG <sub>1</sub> , κ	FCM	RUO	PE	50 tests	<b>551773</b>
				FCM	RUO	PerCP-Cy5.5	50 tests	<b>560621</b>
<b>HLA-DR</b>	Bab, Cyno, Rhe	L243 (G46-6)	Mouse IgG <sub>2a</sub> , κ	FCM	RUO	Purified	0.1 mg	<b>556642</b>
				FCM	RUO	APC	50 tests	<b>560744</b>
				FCM	RUO	FITC	50 tests	<b>556643</b>
				FCM	RUO	PE	50 tests	<b>556644</b>
				FCM	RUO	PerCP-Cy5.5	50 tests	<b>552764</b>

## Immunology Product List

### Anti-Non-Human Primate Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>IFN-γ</b>	Bab, Cyno, Rhe	4S.B3	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	APC	50 tests	<b>551385</b>
				IC/FCM	RUO	FITC	50 tests	<b>552882</b>
				IC/FCM	RUO	PE	50 tests	<b>557074</b>
				IC/FCM	RUO	PE-Cy7	50 tests	<b>560741</b>
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	<b>560742</b>
		B27	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	FITC	50 tests	<b>552887</b>
<b>IL-2</b>	Bab, Cyno, Rhe	MQ1-17H12	Rat IgG <sub>2a</sub> , κ	IC/FCM	RUO	APC	50 tests	<b>551383</b>
				IC/FCM	RUO	FITC	50 tests	<b>559361</b>
				IC/FCM	RUO	PE	50 tests	<b>560709</b>
<b>IL-4</b>	Cyno, Rhe	8D4-8	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	APC	50 tests	<b>561233</b>
				IC/FCM	RUO	PE	50 tests	<b>551774</b>
<b>IL-6</b>	Cyno, Rhe	MQ2-6A3	Rat IgG <sub>2a</sub> , κ	IC/FCM	RUO	PE	50 tests	<b>551473</b>
<b>TNF</b>	Bab, Cyno, Rhe	MAB11	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Purified	0.1 mg	<b>558882</b>
				IC/FCM	RUO	APC	50 tests	<b>551384</b>
				IC/FCM	RUO	FITC	50 tests	<b>552889</b>
				IC/FCM	RUO	PE	50 tests	<b>557068</b>
				IC/FCM	RUO	PE-Cy7	50 tests	<b>560678</b>

# Immunology Product List

## Anti-Rat Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
CD3	Rat	1F4	Mouse (BALB/c) IgM, $\kappa$	Cyt, FCM, IP	RUO	Purified	0.5 mg	556970				
				FCM	RUO	APC	0.1 mg	557030				
				FCM	RUO	FITC	0.5 mg	557354				
				FCM	RUO	PE	0.1 mg	550353				
		G4.18	Mouse (BALB/c) IgG <sub>2a</sub> , $\kappa$	Block, Cost, Cyt, FCM	RUO	NA/LE	0.5 mg	554829				
				IHC(F), IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550295				
				Cost, Cyt, FCM, IP	RUO	Purified	0.1 mg	559974				
				Cost, Cyt, FCM, IP	RUO	Purified	0.5 mg	554830				
				FCM	RUO	Biotin	0.5 mg	554831				
				FCM	RUO	FITC	0.1 mg	559975				
				FCM	RUO	FITC	0.5 mg	554832				
				FCM	RUO	PE	0.2 mg	554833				
				CD4	Rat	OX-35	Mouse (BALB/c) IgG <sub>2a</sub> , $\kappa$	IHC(Fr)	RUO	Purified	1 mL	550296
FCM, IP	RUO	Purified	0.5 mg					554835				
FCM	RUO	Biotin	0.5 mg					554836				
FCM	RUO	APC	0.1 mg					550057				
FCM	RUO	FITC	0.5 mg					554837				
FCM	RUO	PE	0.2 mg					554838				
FCM	RUO	PE-Cy5	0.1 mg					554839				
OX-38	Mouse (BALB/c) IgG <sub>2a</sub> , $\kappa$	IHC(Fr)	RUO			Purified	1 mL	550297				
		FCM, IP	RUO			Purified	0.5 mg	554841				
		FCM	RUO			FITC	0.5 mg	554843				
		FCM	RUO			PE	0.1 mg	551397				
		CD8a	Rat			OX-8	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$	IHC(F), IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550298
								FCM, IP, WB	RUO	Purified	0.5 mg	554854
FCM, WB	RUO			Biotin	0.5 mg			554855				
FCM	RUO			FITC	0.5 mg			554856				
FCM	RUO			PE	0.1 mg			559976				
FCM	RUO			PE	0.2 mg			554857				
FCM	RUO			PerCP	0.1 mg			558824				
CD8b	Rat			341	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$			FCM, IHC(Fr), IHC(Zn), IP, WB	RUO	Purified	0.5 mg	554971
								FCM	RUO	Biotin	0.1 mg	550970
								FCM	RUO	FITC	0.5 mg	554973
CD25 (IL-2R $\alpha$ chain)	Rat			OX-39	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$			Block, FCM, IHC(Fr), IP	RUO	Purified	0.1 mg	559980
								FCM	RUO	Biotin	0.1 mg	559981
								FCM	RUO	FITC	0.5 mg	554865
		FCM	RUO			PE	0.2 mg	554866				
CD28	Rat	JJ316	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$	Cost, FCM, IP	RUO	NA/LE	0.5 mg	554992				
		JJ319	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$	Cost, FCM, IP	RUO	NA/LE	0.5 mg	554993				
				Cost, FCM, IP	RUO	Purified	0.1 mg	559982				
				FCM	RUO	FITC	0.1 mg	550973				
				FCM	RUO	PE	0.1 mg	559984				
CD45 (Leukocyte Common Antigen)	Rat	OX-1	Mouse (BALB/c) IgG <sub>1</sub> , $\kappa$	IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550566				
				FCM, IP	RUO	Purified	0.5 mg	554875				
				FCM	RUO	Biotin	0.5 mg	554876				
				FCM	RUO	FITC	0.5 mg	554877				
				FCM	RUO	PE	0.2 mg	554878				
	Hu, Ms, Rat	69	Mouse IgG <sub>1</sub> , $\kappa$	IF, IP, WB	RUO	Purified	50 $\mu$ g	610265				
				IF, IP, WB	RUO	Purified	150 $\mu$ g	610266				

## Immunology Product List

### Anti-Rat Antibodies - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD45RA</b>	Rat	OX-33	Mouse (BALB/c) IgG <sub>1</sub> , κ	FCM, IHC(Fr), IHC(Zn)	RUO	Purified	0.5 mg	554882
				FCM	RUO	FITC	0.5 mg	554883
				FCM	RUO	PE	0.1 mg	551402
				FCM	RUO	PE	0.2 mg	554884
				FCM	RUO	PE-Cy5	0.1 mg	557015
<b>CD56 (N-CAM)</b>	Chick, Hu, Ms, Rat	12F11	Rat IgG <sub>2b</sub>	IHC(Fr), WB	RUO	Purified	0.1 mg	556323
	Ms, Rat	N-CAM 13	Mouse IgG <sub>2b</sub>	IHC(Fr), WB	RUO	Purified	0.1 mg	556324
	Hu, Ms, Rat	12F8	Rat IgM	IHC(Fr), WB	RUO	Purified	0.1 mg	556325
<b>CD62L</b> (L-selectin, LECAM-1)	Rat	HRL1	Armenian Hamster IgG2, λ1	FCM	RUO	Biotin	0.1 mg	559989
				FCM	RUO	FITC	0.5 mg	554963
				FCM	RUO	PE	0.1 mg	551398
<b>CD95 (Fas/APO-1)</b>	Chick, Dog, Hu, Ms, Rat	13	Mouse IgG <sub>1</sub>	IF, IHC, WB	RUO	Purified	50 µg	610197
<b>CD134 (OX-40 Antigen)</b>	Rat	OX-40	Mouse (BALB/c) IgG <sub>2b</sub> , κ	FCM	RUO	Biotin	0.1 mg	550977
				FCM	RUO	FITC	0.5 mg	554848
<b>CD161a (NKR-P1A)</b>	Rat	10/78	Mouse IgG <sub>1</sub> , κ	FCM, IHC(Fr), IHC(Zn), IP	RUO	Purified	0.5 mg	555006
				FCM	RUO	FITC	0.5 mg	555008
				FCM	RUO	PE	0.2 mg	555009
<b>TCR αβ</b>	Rat	R73	Mouse (BALB/c) IgG <sub>1</sub> , κ	Cost, Cyt, FCM	RUO	NA/LE	0.5 mg	554910
				Cost, Cyt, FCM, IHC(F), IHC(Fr), IHC(Zn), IP, WB	RUO	Purified	0.5 mg	554911
				FCM	RUO	FITC	0.5 mg	554913
				FCM	RUO	PE	0.2 mg	554914
				FCM	RUO	PerCP	0.1 mg	557019
		V65	Mouse (BALB/c) IgG <sub>1</sub> , κ	IHC(Fr)	RUO	Purified	1 mL	550308
			FCM	RUO	PE	0.1 mg	551802	

## Immunology Product List

### Anti-Rat Antibodies - Intracellular Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>IFN-γ</b>	Rat	DB-1	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	FITC	100 tests	559498
				IC/FCM	RUO	PE	100 tests	559499
<b>IL-4</b>	Rat	B11-3	Mouse IgG <sub>1</sub>	ELISA Det.	RUO	Biotin	0.5 mg	555090
		OX-81	Mouse IgG <sub>1</sub> , κ	ELISA Cap., IC/FCM Block	RUO	Purified	0.5 mg	555080
				IC/FCM	RUO	PE	0.1 mg	555082
<b>IL-6</b>	Rat	C3-4	Mouse IgG <sub>1</sub>	ELISA Cap.	RUO	Purified	0.5 mg	550644
		G307-2	Mouse IgG <sub>1</sub>	ELISA Det., WB	RUO	Biotin	0.5 mg	550642
<b>IL-10</b>	Rat	A5-4	Mouse IgG <sub>2b</sub>	IC/FCM	RUO	PE	0.1 mg	555088
		A5-6	Mouse IgG <sub>1</sub>	ELISA Det.	RUO	Biotin	0.5 mg	555084
		A5-7	Mouse IgG <sub>1</sub>	ELISA Cap.	RUO	Purified	0.5 mg	555083
<b>TNF</b>	Ms, Rat	516D1A1	Human Fab Ig	ELISA Det.	RUO	Biotin	0.5 mg	558415
		C1150-14	Rabbit Ig	ELISA Det.	RUO	Biotin	0.5 mg	557432
		G281-2626	Rat IgG <sub>1</sub>	Neu	RUO	NA/LE	0.5 mg	554640
				ELISA Cap., WB	RUO	Purified	1.0 mg	551225
		TN3-19.12	Armenian Hamster IgG1, λ1	IP, Neu, WB	RUO	NA/LE	0.5 mg	557370
				ELISA Cap., IC/FCM Block, IP, WB	RUO	Purified	0.5 mg	557516
			IC/FCM	RUO	PE	0.1 mg	559503	

## Immunology Product List

### Other Species - Cell Surface Antigens

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD4</b>	Rab	KEN-4	Mouse (BALB/c) IgG <sub>2b</sub> κ	FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	<b>553625</b>
<b>CD8a</b>	Pig	76-2-11	Mouse (BALB/c) IgG <sub>2b</sub> κ	FCM	RUO	FITC	0.1 mg	<b>551303</b>
				FCM	RUO	PE	0.1 mg	<b>559584</b>
				Cyt, FCM, IHC(Fr), IP	RUO	Purified	0.1 mg	<b>552769</b>
<b>CD11a</b> (Integrin α <sup>L</sup> chain, LFA-1α)	Dog, Hu, Rab	HI111	Mouse IgG <sub>1</sub> κ	FA, FCM, IHC(Fr)	RUO	NA/LE	0.5 mg	<b>555381</b>
				FCM	RUO	Purified	0.1 mg	<b>555382</b>
				FCM	RUO	FITC	100 tests	<b>555383</b>
				FCM	RUO	APC	100 tests	<b>559875</b>
				FCM	RUO	PE	100 tests	<b>555384</b>
				FCM	RUO	PE-Cy5	100 tests	<b>551131</b>
<b>CD25 (IL-2Rα)</b>	Rab	Kei-α1	Mouse (BALB/c) IgG <sub>2b</sub> κ	FCM, IP	RUO	Purified	0.1 mg	<b>551779</b>
<b>CD95 (Fas/APO-1)</b>	Dog, Hu, Pig	DX2	Mouse IgG <sub>1</sub> κ	FA, FCM	RUO	NA/LE	0.5 mg	<b>555670</b>
				FCM, IHC(Fr)	RUO	Purified	0.1 mg	<b>555671</b>
				FCM	RUO	Biotin	100 tests	<b>555672</b>
				FCM	RUO	APC	100 tests	<b>558814</b>
				FCM	RUO	FITC	100 tests	<b>555673</b>
				FCM	RUO	PE	100 tests	<b>555674</b>
				FCM	RUO	PE-Cy5	100 tests	<b>559773</b>
<b>HLA-DR</b>	Bab, Cyno, Dog, Hu, Rhe	L243 (G46-6)	Mouse IgG <sub>2b</sub> κ	FCM	RUO	NA/LE	0.5 mg	<b>555809</b>
				FCM	RUO	Purified	0.1 mg	<b>555810</b>
				FCM	RUO	APC	100 tests	<b>559866</b>
				FCM	RUO	FITC	100 tests	<b>555811</b>
				FCM	RUO	PE	100 tests	<b>555812</b>
				FCM	RUO	PE-Cy5	100 tests	<b>555813</b>
	Dog, Hu, Rab	TU36	Mouse IgG <sub>2b</sub> κ	FCM	RUO	Purified	0.1 mg	<b>555559</b>
				FCM	RUO	APC	100 tests	<b>559868</b>
				FCM	RUO	FITC	100 tests	<b>555560</b>
				FCM	RUO	PE	100 tests	<b>555561</b>
				FCM	RUO	PE-Cy5	100 tests	<b>551375</b>

## Immunology Product List

### Immunology Buffers

DESCRIPTION	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>BD Cytotfix/Cytoperm™</b> Fixation/Permeabilization Solution Kit	IC/FCM	RUO	Fixation/Permeabilization 250 tests solution (125 mL) and BD Perm/Wash™ Buffer, 10x concentrate containing Fetal Bovine Serum (FBS) and saponin (100 mL)	250 tests	<b>554714</b>
<b>BD Cytotfix/Cytoperm</b> Fixation/Permeabilization Solution Kit with BD GolgiPlug™	IC/FCM	RUO	Fixation/Permeabilization 250 tests solution (125 mL), BD Perm/Wash Buffer, 10x concentrate containing Fetal Bovine Serum (FBS), saponin (100 mL), and protein transport inhibitor BD GolgiPlug (containing Brefeldin A)	250 tests	<b>555028</b>
<b>BD Cytotfix/Cytoperm</b> Fixation/Permeabilization Solution Kit with BD GolgiStop™	IC/FCM	RUO	Fixation/Permeabilization 250 tests solution (125 mL), BD Perm/Wash Buffer, 10x concentrate containing Fetal Bovine Serum (FBS), saponin (100 mL), and protein transport inhibitor BD GolgiStop (containing Monensin)	250 tests	<b>554715</b>
<b>BD FACS™ Permeabilizing Solution 2</b>	IC/FCM	RUO (GMP)	Buffer	10 mL	<b>347692</b>
<b>Fixation Buffer</b>	IC/FCM	RUO	Buffer	100 mL	<b>554655</b>
<b>Fixation/Permeabilization Solution</b>	IC/FCM	RUO	Buffer	250 tests	<b>554722</b>

## Immunology Product List

### Immunology Buffers

DESCRIPTION	APPS	REG	FORMAT	SIZE	CAT. NO.
Human FoxP3 Buffer Set	IC/FCM	RUO	Buffer	100 tests	560098
Lysing Buffer (10X concentrate)	FCM, IC/FCM	RUO	Buffer	100 mL	555899
Perm/Wash Buffer	IC/FCM	RUO	Buffer	250 tests	554723
Protein Transport Inhibitor (containing brefeldin A)	IC/FCM	RUO	Buffer	250 tests	555029
Protein Transport Inhibitor (containing monensin)	IC/FCM	RUO	Buffer	250 tests	554724
Stain Buffer (BSA)	FCM	RUO	Buffer	500 mL	554657
Stain Buffer (FBS)	FCM	RUO	Buffer	500 mL	554656

## Immunology Product List

### Flow Cytometry Kits

DESCRIPTION	REACT	APPS	REG	CONTENT	SIZE	CAT. NO.
CD4 Intracellular IFN- $\gamma$ Detection Kit, 3-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (IFN- $\gamma$ FITC, CD69 PE, CD4 PerCP-Cy5.5), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	340970
CD4 Intracellular IFN- $\gamma$ Detection Kit, 4-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (IFN- $\gamma$ FITC, CD69 PE, CD4 PerCP-Cy5.5, CD3 APC), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5/CD3 APC), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	337185
CD4 Intracellular IL-2 Detection Kit, 3-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (IL-2 FITC, CD69 PE, CD4 PerCP-Cy5.5), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	340971
CD4 Intracellular IL-2 Detection Kit, 4-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (IL-2 FITC, CD69 PE, CD4 PerCP-Cy5.5, CD3 APC), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5/CD3 APC), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	337187
CD4 Intracellular TNF- $\alpha$ Detection Kit, 3-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (TNF- $\alpha$ FITC, CD69 PE, CD4 PerCP-Cy5.5), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	340972
CD4 Intracellular TNF- $\alpha$ Detection Kit, 4-color combination	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (TNF- $\alpha$ FITC, CD69 PE, CD4 PerCP-Cy5.5, CD3 APC), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5/CD3 APC), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	337189

# Immunology Product List

## Flow Cytometry Kits

DESCRIPTION	REACT	APPS	REG	CONTENT	SIZE	CAT. NO.
<b>CD8 Intracellular IFN-<math>\gamma</math> Detection Kit, 4-color combination</b>	Hu	IC/FCM	RUO (GMP)	Antibody Cocktail (IFN- $\gamma$ FITC, CD69 PE, CD4 PerCP-Cy5.5, CD3 APC), Isotype Control Cocktail, ( $\gamma$ 2a FITC/ $\gamma$ 1 PE/CD4 PerCP-Cy5.5/CD3 APC), Co-Stimulatory Antibody Cocktail (CD28/CD49d), Brefeldin A (BFA) Solution, EDTA Solution, BD FACS Lysing Solution (10x), BD FACS Permeabilizing Solution 2 (10x)	25 tests	<b>346049</b>
<b>Human Intracellular Cytokine Staining Starter Kit</b>	Hu	IC/FCM	RUO	This kit contains the essential reagents for the activation of a human peripheral blood cell population and their subsequent intracellular staining to detect IL-2, IFN- $\gamma$ , and TNF- $\alpha$ -producing cells. Positive and negative controls are included.	25 tests	<b>559302</b>
<b>Human Regulatory T Cell Sorting Kit</b>	Hu	FACS, FCM	RUO	Human Regulatory T Cell Sorting Cocktail (CD4 PerCP-Cy5.5, CD25 PE, CD127 Alexa Fluor® 647), CD45RA FITC, Compensation Controls	10 tests	<b>560753</b>
<b>Human T Cell Activation Kit</b>	Hu	IC/FCM	RUO	Six individual antibodies conjugated to Alexa Fluor® 647: p38 MAPK (pT180/Y182), ERK (pT202/204), Stat1 (pY701), Stat3 (pY705), Stat5 (pY694), and Stat6 (pY641), Human T Cell Antibody Cocktail: CD4 FITC, CD8 PE, CD3 PerCP, BD CompBead anti-mouse Ig, k Compensation Particles, Compensation Control Reagents, Lyophilized Control Cells: Stimulated and Unstimulated Human T Cells, BD Phosflow Lyse/Fix Buffer, BD Phosflow Perm Buffer III, BD Pharmingen Stain Buffer (FBS)	50 tests	<b>560750</b>
<b>Human Th1/Th17 Phenotyping Kit</b>	Hu	IC/FCM	RUO	Human Th1/Th17 Phenotyping Cocktail (CD4 PerCP-Cy5.5, IL-17A PE, IFN- $\gamma$ FITC), BD Cytotfix™ Fixation Buffer, BD Perm/Wash Buffer, BD GolgiStop Protein Transport Inhibitor	50 tests	<b>560752</b>
<b>Human Th1/Th2/Th17 Phenotyping Kit</b>	Hu	IC/FCM	RUO	Human Th1/Th2/Th17 Phenotyping Cocktail (CD4 PerCP-Cy5.5, IL-17A PE, IFN- $\gamma$ FITC, IL-4 APC), BD Cytotfix Fixation Buffer, BD Perm/Wash Buffer, BD GolgiStop Protein Transport Inhibitor	50 tests	<b>560751</b>
<b>Human Th17/Treg Phenotyping Kit</b>	Hu	IC/FCM	RUO	Human Th17/Treg Phenotyping Cocktail (CD4 PerCP-Cy5.5, IL-17A PE, FoxP3 Alexa Fluor® 647), Human FoxP3 Buffer A (10X), Human FoxP3 Buffer B (50X), BD GolgiStop Protein Transport Inhibitor	50 tests	<b>560762</b>
<b>Mouse Intracellular Cytokine Staining Starter Kit</b>	Ms	IC/FCM	RUO	This kit contains the essential reagents for the activation of a mouse spleen cell population and their subsequent intracellular staining to detect IL-2, IFN- $\gamma$ , and TNF- $\alpha$ -producing cells. Positive and negative controls are included.	25 tests	<b>559311</b>
<b>Mouse Th1/Th17 Phenotyping Kit</b>	Ms	IC/FCM	RUO	Mouse Th1/Th17 Phenotyping Cocktail (CD4 PerCP-Cy5.5, IL-17A PE, Mouse IFN- $\gamma$ FITC), BD Cytotfix Fixation Buffer, BD Perm/Wash Buffer, BD GolgiStop Protein Transport Inhibitor	50 tests	<b>560759</b>
<b>Mouse Th1/Th2/Th17 Phenotyping Kit</b>	Ms	IC/FCM	RUO	Mouse Th1/Th2/Th17 Phenotyping Cocktails (CD4 PerCP-Cy5.5, IL-17A PE, IFN- $\gamma$ FITC, IL-4 APC), BD Cytotfix Fixation Buffer, BD Perm/Wash Buffer, BD GolgiStop Protein Transport Inhibitor	50 tests	<b>560758</b>

# Immunology Product List

## Flow Cytometry Cocktails

DESCRIPTION	REACT	CLONE	APPS	REG	FORMAT	SIZE	CAT. NO.
$\alpha\beta$ TCR/ $\gamma\delta$ TCR/CD3	Hu	WT31, 11F2, SK7	FCM	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	335836
CD4/CD8/CD3	Hu	SK3, SK1, SK7	FCM	RUO (GMP)	FITC, PE, PerCP	50 tests	340298
CD4/CD25/CD3	Hu	SK3, 2A3, SK7	FCM	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	341134
CD4/CD38/CD3/HLA-DR	Hu	SK3, HB7, SK7, L243 (G46-6)	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340573
CD4/CD38/CD3/HLA-DR with Trucount Tubes	Hu	SK3, HB7, SK7, L243 (G46-6)	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340771
CD4/CD62L	Hu	SK3, SK11	FCM	RUO (GMP)	FITC, PE	50 tests	349513
CD4/CD69/CD3	Hu	SK3, L78, SK7	FCM	RUO (GMP)	FITC, PE, PerCP	50 tests	340365
CD8/CD28	Hu	SK1, L293	FCM	RUO (GMP)	FITC, PE	50 tests	340031
CD8/CD38	Hu	SK1, HB7	FCM	RUO (GMP)	FITC, PE	50 tests	349527
CD8/CD38/CD3	Hu	SK1, HB7, SK7	FCM, FQ	RUO (GMP)	FITC, PE, PerCP	50 tests	341004
CD8/CD38/CD3/HLA-DR	Hu	SK1, HB7, SK7, L243 (G46-6)	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340572
CD8/CD38/CD3/HLA-DR with Trucount Tubes	Hu	SK1, HB7, SK7, L243 (G46-6)	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340772
CD8/CD56/CD3	Hu	SK1, NCAM16.2, SK7	FCM	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	341142
CD8/CD69/CD3	Hu	SK1, L78, SK7	FCM	RUO (GMP)	FITC, PE, PerCP	50 tests	340367
CD8/HLA-DR	Hu	SK1, L243 (G46-6)	FCM	RUO (GMP)	FITC, PE	50 tests	349528
CD45RA/CD45RO/CD3/CD4	Hu	L48, UCHL1, SK7, SK3	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340571
CD45RA/CD45RO/CD3/CD4 with BD Trucount Tubes	Hu	L48, UCHL1, SK7, SK3	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340769
CD45RA/CD45RO/CD3/CD8	Hu	L48, UCHL1, SK7, SK1	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340574
CD45RA/CD45RO/CD3/CD8 with BD Trucount Tubes	Hu	L48, UCHL1, SK7, SK1	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340770
CD45RA/CD62L/CD3/CD4	Hu	L48, SK11, SK7, SK3	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340977
CD45RA/CD62L/CD3/CD4 with BD Trucount Tubes	Hu	L48, SK11, SK7, SK3	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340979
CD45RA/CD62L/CD3/CD8	Hu	L48, SK11, SK7, SK1	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340978
CD45RA/CD62L/CD3/CD8 with BD Trucount Tubes	Hu	L48, SK11, SK7, SK1	FCM	RUO (GMP)	FITC, PE, PerCP, APC	50 tests	340980
CD69/CD3	Hu	L78, SK7	FCM	RUO (GMP)	PE, PerCP	50 tests	340368
FoxP3 Staining Kit - Alexa Fluor 488®, FoxP3, CD4, CD25	Hu	259D/C7, M-A251, RPA-T4	FCM	RUO	Alexa Fluor® 488, PE, APC	100 tests	560131
FoxP3 Staining Kit - Alexa Fluor 647®, FoxP3, CD4, CD25	Hu	259D/C7, M-A251, RPA-T4	FCM	RUO	Alexa Fluor® 647, PE, FITC	100 tests	560132
FoxP3 Staining Kit - PE, FoxP3, CD4, CD25	Hu	259D/C7, M-A251, RPA-T4	FCM	RUO	FITC, PE, APC	100 tests	560133
Human CD4 and CD8 T-Cell Antibody Cocktail	Hu	SK3, SK1, SK7	FCM	RUO	FITC, PE, PerCP	50 tests	560761
Human Regulatory T-Cell Cocktail - CD4, CD25, CD127	Hu	SK3, 2A3, hIL-7R-M21	FCM	RUO	PE-Cy7, FITC Alexa Fluor® 647	50 tests	560249
IFN- $\gamma$ /CD69/CD4	Hu	25723.11, L78, SK3	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	340962
IFN- $\gamma$ /CD69/CD4/CD3	Hu	25723.11, L78, SK3, SK7	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5, APC	50 tests	337184
IFN- $\gamma$ /CD69/CD8/CD3	Hu	25723.11, L78, SK1, SK7	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5, APC	50 tests	346048
IFN- $\gamma$ /IL-4	Hu	25723.11, 3010.211	FCM, IC	RUO (GMP)	FITC, PE	50 tests	340456
IL-2/CD69/CD4	Hu	5344.111, L78, SK3	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	340963
IL-2/CD69/CD4/CD3	Hu	5344.111, L78, SK3, SK7	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5, APC	50 tests	337188
TCR $\alpha\beta$ /TCR $\gamma\delta$ /CD3	Hu	WT31, 11F2, SK7	FCM	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	335802
TNF- $\alpha$ /CD69/CD4	Hu	6401.1111, L78, SK3	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5	50 tests	340964
TNF- $\alpha$ /CD69/CD4/CD3	Hu	6401.1111, L78, SK3, SK7	FCM, IC	RUO (GMP)	FITC, PE, PerCP-Cy5.5, APC	50 tests	337190
T Lymphocyte Activation Antibody Cocktail, with Isotype Control	Ms	145-2C11, H1.2F3, PC61	IC/FCM	RUO	APC, PE, PE-Cy7	100 tests	557908
T Lymphocyte Activation Antibody Cocktail, with Isotype Control	Ms	145-2C11, H1.2F3, PC61	IC/FCM	RUO	FITC, PE, PE-Cy7	100 tests	557916
T Lymphocyte Subset Antibody Cocktail, with Isotype Control	Ms	145-2C11, 53-6.7, RM4-5	IC/FCM	RUO	PE-Cy7, FITC, PE	100 tests	558391
T Lymphocyte Subset Antibody Cocktail, with Isotype Control	Ms	145-2C11, 53-6.7, RM4-5	IC/FCM	RUO	PE-Cy7, APC, PE	100 tests	558431

# Cell Biology Product List

## Conjugated Antibodies

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>ERK1/2 (pT202/pY204)</b>	Hu, Ms, Rat	20A	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	612592
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	612593
				IC/FCM	RUO	Pacific Blue™	50 tests	560314
				IC/FCM	RUO	PE	50 tests	612566
				IC/FCM	RUO	PE-Cy7	50 tests	560116
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	560115
<b>GATA3</b>	Hu, Ms	L50-823	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	560163
				Bioimg	RUO	Alexa Fluor® 488	100 tests	560077
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	560068
				IC/FCM	RUO	PE	50 tests	560074
<b>LAT (pY171)</b>	Hu	I58-1169	Mouse (BALB/c) IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558519
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558518
				IC/FCM	RUO	PE	50 tests	558487
<b>LAT (pY226)</b>	Hu	J96-1238.58.93	Mouse (BALB/c) IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558430
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558432
				IC/FCM	RUO	PE	50 tests	558433
<b>Lck</b>	Hu, Ms	MOL 171	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558504
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558505
				IC/FCM	RUO	PE	50 tests	558496
<b>Lck (pY505)</b>	Hu	4/Lck-Y505	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	557879
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558577
				IC/FCM	RUO	PE	50 tests	558552
<b>NF-κB p65 (pS529)</b>	Hu	K10-895.12.50	Mouse (BALB/c) IgG <sub>2b</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558421
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558422
				IC/FCM	RUO	PE	50 tests	558423
				IC/FCM	RUO	PE-Cy7	50 tests	560335
<b>PKCθ</b>	Hu	27	Mouse IgG <sub>2b</sub> , κ	IC/FCM	RUO	APC	50 tests	560344
<b>PLC-γ1</b>	Hu	10/PLCgamma	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558566
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558565
				IC/FCM	RUO	PE	50 tests	558575
<b>PLC-γ1 (pY783)</b>	Hu	27/PLC	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	557884
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	557883
<b>SLP-76</b>	Hu	H3	Mouse (BALB/c) IgG <sub>2a</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	560056
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	560057
				IC/FCM	RUO	PE	50 tests	560058
<b>SLP-76 (pY128)</b>	Hu	J141-668.36.58	Mouse (BALB/c) IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558439
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558438
				IC/FCM	RUO	PE	50 tests	558437
<b>Stat1 (N-Terminus)</b>	Hu	1/Stat1	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 647	50 tests	558560
				IC/FCM	RUO	PE	50 tests	558537
<b>Stat1 (pS727)</b>	Hu	K51-856	Mouse (BALB/c) IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	560191
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	560190
				IC/FCM	RUO	PE	50 tests	560069
<b>Stat1 (pY701)</b>	Hu, Ms	4a	Mouse IgG <sub>2a</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	612596
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	612597
				IC/FCM	RUO	PE	50 tests	612564
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	560113
				IC/FCM	RUO	Pacific Blue™	50 tests	560310
<b>Stat3 (pS727)</b>	Hu	49/p-Stat3	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558085
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	558099
				IC/FCM	RUO	PE	50 tests	558557
	Hu, Ms, Rat	4/P-STAT3	Mouse IgG <sub>2a</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	557814
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	557815
				IC/FCM	RUO	Pacific Blue™	50 tests	560312
IC/FCM	RUO	PE	50 tests	612569				
IC/FCM	RUO	PerCP-Cy5.5	50 tests	560114				

## Cell Biology Product List

### Conjugated Antibodies

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Stat4 (pY693)</b>	Hu, Ms	38/p-Stat4	Mouse IgG <sub>2b</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>558136</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>558137</b>
				IC/FCM	RUO	PE	50 tests	<b>558249</b>
<b>Stat5 (pY694)</b>	Hu, Ms, Rat, Sheep	47	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>612598</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>612599</b>
				IC/FCM	RUO	Pacific Blue™	50 tests	<b>560311</b>
				IC/FCM	RUO	PE	50 tests	<b>612567</b>
				IC/FCM	RUO	PE-Cy7	50 tests	<b>560117</b>
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	<b>560118</b>
<b>Stat6</b>	Hu	23/Stat6	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>560000</b>
				IC/FCM	RUO	PE	50 tests	<b>560001</b>
<b>Stat6 (pY641)</b>	Hu	18/P-Stat6	Mouse IgG <sub>2a</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>612600</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>612601</b>
				IC/FCM	RUO	BD Horizon V450	50 tests	<b>561203</b>
				IC/FCM	RUO	PE	50 tests	<b>612701</b>
		J71-773.58.11	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	PerCP-Cy5.5	50 tests	<b>561195</b>
				IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>558243</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>558242</b>
<b>T-Bet</b>	Hu, Ms	4B10	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>561264</b>
				IC/FCM	RUO	PE	50 tests	<b>561265</b>
		O4-46	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>561266</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>561267</b>
				IC/FCM	RUO	BD Horizon V450	50 tests	<b>561312</b>
				IC/FCM	RUO	PE	50 tests	<b>561268</b>
				IC/FCM	RUO	PerCP-Cy5.5	50 tests	<b>561316</b>
<b>Zap-70 (pY292)</b>	Hu	J34-602	Mouse (BALB/c) IgG <sub>1</sub> , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>558516</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>558515</b>
				IC/FCM	RUO	PE	50 tests	<b>558510</b>
<b>Zap-70 (pY319)/ Syk (pY352)</b>	Hu, Ms	17a/P-ZAP70	Mouse IgG <sub>1</sub>	IC/FCM	RUO	Alexa Fluor® 488	50 tests	<b>557818</b>
				IC/FCM	RUO	Alexa Fluor® 647	50 tests	<b>557817</b>
				IC/FCM	RUO	PE	50 tests	<b>557881</b>

## Cell Biology Product List

### Purified Antibodies

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>CD45 (pS999)</b> (Leukocyte Common Antigen, Ly-5)	Hu	J143-1270	Mouse (BALB/c) IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	<b>558376</b>
<b>c-Jun (pS63)</b>	Hu	2/c-Jun (pS63)	Mouse IgG <sub>1</sub>	WB	RUO	Purified	0.1 mg	<b>558036</b>
<b>ERK1/2 (pT202/pY204)</b>	Hu, Ms, Rat	20A	Mouse IgG <sub>1</sub>	IC/FCM, IF, WB	RUO	Purified	50 µg	<b>612358</b>
				IC/FCM, IF, WB	RUO	Purified	150 µg	<b>612359</b>
<b>Fyn</b>	Dog, Hu, Rat	25	Mouse IgG <sub>2b</sub>	IF, WB	RUO	Purified	50 µg	<b>610163</b>
				IF, WB	RUO	Purified	150 µg	<b>610164</b>
<b>GATA3</b>	Hu, Ms	L50-823	Mouse IgG <sub>1</sub> , κ	Bioimg, IHC(F)*, WB	RUO	Purified	0.1 mg	<b>558686</b>
<b>ITK</b>	Hu, Ms	2F12	Mouse IgG <sub>1</sub>	IP, IVK, WB	RUO	Purified	50 µg	<b>550503</b>
				IP, IVK, WB	RUO	Purified	150 µg	<b>550504</b>
<b>JNK1</b>	Hu	G151-333	Mouse IgG <sub>1</sub>	IP, IVK, WB	RUO	Purified	50 µg	<b>551196</b>
				IP, IVK, WB	RUO	Purified	150 µg	<b>551197</b>
<b>LAT</b>	Hu, Ms, Rat	45	Mouse IgG <sub>2a</sub>	IF, WB	RUO	Purified	50 µg	<b>611108</b>
				IF, WB	RUO	Purified	150 µg	<b>611109</b>
<b>LAT (pY171)</b>	Hu	I58-1169	Mouse (BALB/c) IgG <sub>1</sub> , κ	IHC(F)*, WB	RUO	Purified	0.1 mg	<b>558392</b>
<b>LAT (pY226)</b>	Hu	J96-1238.58.93	Mouse (BALB/c) IgG <sub>1</sub> , κ	IHC(F)*, WB	RUO	Purified	0.1 mg	<b>558363</b>

# Cell Biology Product List

## Purified Antibodies

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
Lck	Hu, Ms	MOL 171	Mouse IgG <sub>1</sub>	IP, WB	RUO	Purified	50 µg	551047
				IP, WB	RUO	Purified	150 µg	551048
	Hu, Ms, Rat	28	Mouse IgG <sub>2a</sub>	IF, WB	RUO	Purified	50 µg	610097
Lck (pY505)	Hu, Ms, Rat	4	Mouse IgG <sub>1</sub>	IC/FCM, WB	RUO	Purified	50 µg	612390
				IC/FCM, WB	RUO	Purified	150 µg	612391
MEK1/2 (pS222)	Hu	Polyclonal	Rabbit IgG	IC/FCM, IHC(F)*, WB	RUO	Purified	50 tests	558281
NF-κB p65	Dog, Frog, Hu, Rab, Rat	20	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	610868
				IF, WB	RUO	Purified	150 µg	610869
NF-κB p65 (pS529)	Hu	K10-895.12.50	Mouse (BALB/c) IgG <sub>2b</sub> , κ	WB	RUO	Purified	0.1 mg	558393
NF-κB p65 (pS536)	Hu	J144-460	Mouse (BALB/c) IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	558377
Perforin	Hu	δG9	Mouse IgG <sub>2b</sub>	FCM, IHC(Fr), IP	RUO	Purified	0.1 mg	556434
PKCθ (pT538)	Hu	19	Mouse IgG <sub>2a</sub>	WB	RUO	Purified	50 µg	612734
				WB	RUO	Purified	150 µg	612735
SLP-76	Hu	8	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	610736
SLP-76 (pY113)	Hu	J80-373	Mouse (BALB/c) IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	558388
SLP-76 (pY128)	Hu	J141-668.36.58	Mouse (BALB/c) IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	558367
SLP-76 (pY145)	Hu	J81-1214.48	Mouse (BALB/c) IgG <sub>1</sub> , κ	IHC(F)*, WB	RUO	Purified	0.1 mg	558362
Smad2/3	Dog, Hu, Ms, Rat	18	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	610842
				IF, WB	RUO	Purified	150 µg	610843
Stat Activation Sampler Kit				IF, WB	RUO	Stat1 (C-terminus), Stat1 (pY701), Stat3, Stat3 (pY705), Stat5, Stat5 (pY694), Stat6, Stat6 (pY641)	10 µg each	612477
Stat1 (C-Terminus)	Chick, Dog, Hu, Ms, Rat	42	Mouse IgG <sub>2b</sub>	IF, IP, WB	RUO	Purified	50 µg	610185
				IF, IP, WB	RUO	Purified	150 µg	610186
Stat1 (N-Terminus)	Chick, Dog, Frog, Hu, Ms, Rat	1/Stat1	Mouse IgG <sub>1</sub>	IF, IHC, IP, WB	RUO	Purified	50 µg	610115
				IF, IHC, IP, WB	RUO	Purified	150 µg	610116
		Polyclonal	Rabbit Ig	IF, IP, WB	RUO	Purified	50 µg	610119
				IF, IP, WB	RUO	Purified	150 µg	610120
Stat1 (pY701)	Hu, Ms	4a	Mouse IgG <sub>2a</sub>	IC/FCM, IF, IP, WB	RUO	Purified	50 µg	612232
				IC/FCM, IF, IP, WB	RUO	Purified	150 µg	612233
		14/P-STAT1	Mouse IgG <sub>1</sub> , κ	IC/FCM, IF, IP, WB	RUO	Purified	50 µg	612132
				IC/FCM, IF, IP, WB	RUO	Purified	150 µg	612133
				IC/FCM, IF, IP, WB	RUO	Purified	150 µg	612133
Stat3	Chick, Dog, Frog, Hu, Ms, Rat	84	Mouse IgG <sub>1</sub>	IP, WB	RUO	Purified	50 µg	610189
				IP, WB	RUO	Purified	150 µg	610190
Stat3 (pS727)	Hu, Ms, Rat	49/p-Stat3	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	612542
				IF, WB	RUO	Purified	150 µg	612543
Stat3 (pY705)	Hu, Ms	4/P-STAT3	Mouse IgG <sub>2a</sub> , κ	IC/FCM, WB	RUO	Purified	50 µg	612356
				IC/FCM, WB	RUO	Purified	150 µg	612357
Stat3-interacting protein 1	Ms, Rat	41	Mouse IgG <sub>2b</sub>	WB	RUO	Purified	50 µg	612616
				WB	RUO	Purified	150 µg	612617
Stat4	Ms, Rat	8	Mouse IgG <sub>1</sub>	WB	RUO	Purified	50 µg	610926
Stat4 (pY693)	Hu, Ms	38/p-Stat4	Mouse IgG <sub>2b</sub>	WB	RUO	Purified	50 µg	612738
				WB	RUO	Purified	150 µg	612739
Stat5 (MGF)	Dog, Hu, Ms, Rat	89	Mouse IgG <sub>2b</sub>	IF, IHC, WB	RUO	Purified	50 µg	610191
				IF, IHC, WB	RUO	Purified	150 µg	610192
Stat5 (pY694)	Hu	Polyclonal	Rabbit Ig	IF, WB	RUO	Purified	50 µg	611818
				IF, WB	RUO	Purified	150 µg	611819
	Hu, Ms	47	Mouse IgG <sub>1</sub>	IC/FCM, WB	RUO	Purified	50 µg	611964
				IC/FCM, WB	RUO	Purified	150 µg	611965
Stat5A	Hu	Polyclonal	Rabbit Ig	IP, WB	RUO	Purified	50 µg	556516
	Dog, Hu, Ms, Rat	51	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	611834
				IF, WB	RUO	Purified	150 µg	611835
Stat5B	Hu, Ms, Rat	Polyclonal	Rabbit Ig	IP, WB	RUO	Purified	50 µg	556517

## Cell Biology Product List

### Purified Antibodies

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Stat6</b>	Hu, Ms, Rat	23/Stat6	Mouse IgG <sub>1</sub>	IF, WB	RUO	Purified	50 µg	<b>611290</b>
				IF, WB	RUO	Purified	150 µg	<b>611291</b>
<b>Stat6 (pY641)</b>	Ms	J71-773.58.11	Mouse IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	<b>558241</b>
				IC/FCM, IF, WB	RUO	Purified	50 µg	<b>611566</b>
	Hu	18/P-Stat6	Mouse IgG <sub>2a</sub>	IC/FCM, IF, WB	RUO	Purified	150 µg	<b>611567</b>
				IF, WB	RUO	Purified	50 µg	<b>611820</b>
				IF, WB	RUO	Purified	150 µg	<b>611821</b>
<b>T-Bet</b>	Hu, Ms	4B10	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Purified	0.1 mg	<b>561262</b>
		04-46	Mouse IgG <sub>1</sub> , κ	IC/FCM	RUO	Purified	0.1 mg	<b>561263</b>
<b>ZAP-70</b>	Chick, Hu, Ms, Rat	24a	Mouse IgG <sub>1</sub>	IF, IHC, WB	RUO	Purified	50 µg	<b>612718</b>
				IF, IHC, WB	RUO	Purified	50 µg	<b>610239</b>
				IF, IHC, WB	RUO	Purified	150 µg	<b>610240</b>
<b>ZAP-70 (pY292)</b>	Hu	J34-602	Mouse (BALB/c) IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	<b>558365</b>
<b>ZAP-70 (pY319)/ Syk (pY352)</b>	Hu, Ms, Rat	17a/P-ZAP70	Mouse IgG <sub>1</sub>	IC/FCM, WB	RUO	Purified	50 µg	<b>612574</b>
				IC/FCM, WB	RUO	Purified	150 µg	<b>612575</b>
<b>ZAP-70 (pY493)</b>	Hu, Ms	1a/ZAP70 (pY493)	Mouse IgG <sub>1</sub> , κ	WB	RUO	Purified	0.1 mg	<b>558247</b>

## Cell Biology Product List

### Cell Biology Buffers

DESCRIPTION	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Fix Buffer I</b>	IC/FCM	RUO	Buffer	250 mL	<b>557870</b>
<b>Fixation Buffer</b>	IC/FCM	RUO	Buffer	100 mL	<b>554655</b>
<b>Lyse/Fix Buffer</b>	IC/FCM	RUO	Buffer	250 mL	<b>558049</b>
<b>Perm Buffer II</b>	IC/FCM	RUO	Buffer	125 mL	<b>558052</b>
<b>Perm Buffer III</b>	IC/FCM	RUO	Buffer	125 mL	<b>558050</b>
<b>Perm Buffer IV</b>	IC/FCM	RUO	Buffer	50 mL	<b>560746</b>
<b>Perm/Wash Buffer I</b>	IC/FCM	RUO	Buffer	125 mL	<b>557885</b>
<b>Stain Buffer (BSA)</b>	FCM	RUO	Buffer	500 mL	<b>554657</b>
<b>Stain Buffer (FBS)</b>	FCM	RUO	Buffer	500 mL	<b>554656</b>

# Immunoassays Product List

## Cytometric Bead Array - BD™ CBA Flex Sets - Human

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Human Soluble Protein Master Buffer Kit</b> (required for use with BD CBA Human Soluble Protein Flex Sets)	Hu	FCM	RUO		100 tests	558264
		FCM	RUO		500 tests	558265
<b>Human CD62L (L-Selectin) Flex Set (Bead D8)</b>	Hu	FCM	RUO		100 tests	560420
<b>Human GM-CSF Flex Set (Bead C9)</b>	Hu	FCM	RUO		100 tests	558335
<b>Human Granzyme A Flex Set (Bead D9)</b>	Hu	FCM	RUO		100 tests	560299
<b>Human Granzyme B Flex Set (Bead D7)</b>	Hu	FCM	RUO		100 tests	560304
<b>Human IFN-γ Flex Set (Bead B8)</b>	Hu	FCM	RUO		100 tests	560111
<b>Human IFN-γ Flex Set (Bead E7)</b>	Hu	FCM	RUO		100 tests	558269
<b>Human IFN-γ Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558456
<b>Human IL-1α Flex Set (Bead D6)</b>	Hu	FCM	RUO		100 tests	560153
<b>Human IL-1β Flex Set (Bead B4)</b>	Hu	FCM	RUO		100 tests	558279
<b>Human IL-1β Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558457
<b>Human IL-2 Flex Set (Bead A4)</b>	Hu	FCM	RUO		100 tests	558270
<b>Human IL-2 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558461
<b>Human IL-4 Flex Set (Bead A5)</b>	Hu	FCM	RUO		100 tests	558272
<b>Human IL-4 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558462
<b>Human IL-5 Flex Set (Bead A6)</b>	Hu	FCM	RUO		100 tests	558278
<b>Human IL-5 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558463
<b>Human IL-6 Flex Set (Bead A7)</b>	Hu	FCM	RUO		100 tests	558276
<b>Human IL-6 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558464
<b>Human IL-9 Flex Set (Bead B6)</b>	Hu	FCM	RUO		100 tests	558333
<b>Human IL-10 Flex Set (Bead B7)</b>	Hu	FCM	RUO		100 tests	558274
<b>Human IL-10 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558458
<b>Human IL-12 p70 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558459
<b>Human IL-12 p70 Flex Set (Bead E5)</b>	Hu	FCM	RUO		100 tests	558283
<b>Human IL-12/IL-23p40 Flex Set (Bead E5)</b>	Hu	FCM	RUO		100 tests	560154
<b>Human IL-13 Flex Set (Bead E6)</b>	Hu	FCM	RUO		100 tests	558450
<b>Human IL-13 Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558460
<b>Human IL-17A Flex Set (Bead B5)</b>	Hu	FCM	RUO		100 tests	560383
<b>Human IL-21 Flex Set (Bead B8)</b>	Hu	FCM	RUO		100 tests	560358
<b>Human LT-α Flex Set (Bead D5)</b>	Hu	FCM	RUO		100 tests	560083
<b>Human sCD154 (sCD40 Ligand) Flex Set (Bead C7)</b>	Hu	FCM	RUO		100 tests	560305
<b>Human Soluble TNFRI Flex Set (Bead C4)</b>	Hu	FCM	RUO		100 tests	560156
<b>Human Soluble TNFRII Flex Set (Bead C5)</b>	Hu	FCM	RUO		100 tests	560155
<b>Human TGF-β1 Single Plex Flex Set</b>	Hu	FCM	RUO		100 tests	560429
<b>Human TNF Flex Set (Bead C4)</b>	Hu	FCM	RUO		100 tests	560112
<b>Human TNF Flex Set (Bead D9)</b>	Hu	FCM	RUO		100 tests	558273
<b>Human TNF Flex Set Standard</b>	Hu	FCM	RUO	Lyophilized	1 vial	558472

## Immunoassays Product List

### Cytometric Bead Array - BD CBA Flex Sets - Mouse/Rat

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Mouse/Rat Soluble Protein Master Buffer Kit</b> (required for use with BD CBA Mouse/Rat Soluble Protein Flex Sets)		FCM	RUO		100 tests	558266
		FCM	RUO		500 tests	558267
<b>Mouse CD62L (L-Selectin) Flex Set (Bead E7)</b>	Ms	FCM	RUO		100 tests	560385
<b>Mouse GM-CSF Flex Set (Bead B9)</b>	Ms	FCM	RUO		100 tests	558347
<b>Mouse IFN-<math>\gamma</math> Flex Set (Bead A4)</b>	Ms	FCM	RUO		100 tests	558296
<b>Mouse IFN-<math>\gamma</math> Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558473
<b>Mouse IL-1<math>\alpha</math> Flex Set (Bead E4)</b>	Ms	FCM	RUO		100 tests	560157
<b>Mouse IL-1<math>\beta</math> Flex Set (Bead E5)</b>	Ms	FCM	RUO		100 tests	560232
<b>Mouse IL-2 Flex Set (Bead A5)</b>	Ms	FCM	RUO		100 tests	558297
<b>Mouse IL-2 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558476
<b>Mouse IL-4 Flex Set (Bead A7)</b>	Ms	FCM	RUO		100 tests	558298
<b>Mouse IL-4 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558477
<b>Mouse IL-5 Flex Set (Bead A6)</b>	Ms	FCM	RUO		100 tests	558302
<b>Mouse IL-5 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558478
<b>Mouse IL-6 Flex Set (Bead B4)</b>	Ms	FCM	RUO		100 tests	558301
<b>Mouse IL-6 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558479
<b>Mouse IL-9 Flex Set (Bead B5)</b>	Ms	FCM	RUO		100 tests	558348
<b>Mouse IL-10 Flex Set (Bead C4)</b>	Ms	FCM	RUO		100 tests	558300
<b>Mouse IL-10 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558474
<b>Mouse IL-12 p70 Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558475
<b>Mouse IL-12 p70 Flex Set (Bead D7)</b>	Ms	FCM	RUO		100 tests	558303
<b>Mouse IL-12/IL-23p40 Flex Set (Bead D7)</b>	Ms	FCM	RUO		100 tests	560151
<b>Mouse IL-13 Flex Set (Bead B8)</b>	Ms	FCM	RUO		100 tests	558349
<b>Mouse IL-17A Flex Set (Bead C5)</b>	Ms	FCM	RUO		100 tests	560283
<b>Mouse IL-21 Flex Set (Bead B6)</b>	Ms	FCM	RUO		100 tests	560160
<b>Mouse TNF Flex Set (Bead C8)</b>	Ms	FCM	RUO		100 tests	558299
<b>Mouse TNF Flex Set Standard</b>	Ms	FCM	RUO	Lyophilized	1 vial	558480
<b>Rat IFN-<math>\gamma</math> Flex Set (Bead A6)</b>	Rat	FCM	RUO		100 tests	558305
<b>Rat IFN-<math>\gamma</math> Flex Set Standard</b>	Rat	FCM	RUO	Lyophilized	1 vial	558481
<b>Rat IL-1<math>\alpha</math> Flex Set (Bead A4)</b>	Rat	FCM	RUO		100 tests	560159
<b>Rat IL-4 Flex Set (Bead B9)</b>	Rat	FCM	RUO		100 tests	558307
<b>Rat IL-6 Flex Set (Bead A9)</b>	Rat	FCM	RUO		100 tests	558308
<b>Rat IL-6 Flex Set Standard</b>	Rat	FCM	RUO	Lyophilized	1 vial	558483
<b>Rat IL-10 Flex Set (Bead A8)</b>	Rat	FCM	RUO		100 tests	558306
<b>Rat IL-10 Flex Set Standard</b>	Rat	FCM	RUO	Lyophilized	1 vial	558482
<b>Rat TNF Flex Set (Bead C8)</b>	Rat	FCM	RUO		100 tests	558309
<b>Rat TNF Flex Set Standard</b>	Rat	FCM	RUO	Lyophilized	1 vial	558484

## Immunoassays Product List

### Cytometric Bead Array - BD CBA Flex Sets - Cell Signaling

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Cell Signaling Master Buffer Kit</b> (required for use with BD CBA Cell Signaling Flex Sets)		FCM	RUO		100 tests	560005
		FCM	RUO		500 tests	560006
<b>Human GAPDH Flex Set (Bead A9)</b>	Hu	FCM	RUO		100 tests	560792
<b>Phospho c-Jun (S63) Flex Set (Bead D8)</b>	Hu	FCM	RUO		100 tests	560059
<b>Phospho ERK1/2 (T202/Y204) Flex Set (Bead C4)</b>	Hu, Ms, Rat	FCM	RUO		100 tests	560012
<b>Phospho MEK1/2 (S222) Flex Set (Bead A6)</b>	Hu	FCM	RUO		100 tests	560150
<b>Phospho PLC-<math>\gamma</math> (Y783) Flex Set (Bead B7)</b>	Hu, Ms, Rat	FCM	RUO		100 tests	560009
<b>Phospho SLP-76 (Y145) Flex Set (Bead D6)</b>	Hu	FCM	RUO		100 tests	560067
<b>Phospho Stat1 (Y701) Flex Set (Bead C5)</b>	Hu	FCM	RUO		100 tests	560015
<b>Phospho Stat3 (Y705) Flex Set (Bead C8)</b>	Hu	FCM	RUO		100 tests	560093
<b>Phospho ZAP-70 (Y319) Flex Set (Bead B8)</b>	Hu, Ms	FCM	RUO		100 tests	560011
<b>Total STAT1 Flex Set (Bead C5)</b>	Hu, Ms, Rat	FCM	RUO		100 tests	560017
<b>Total ZAP-70 Flex Set (Bead B8)</b>	Hu, Ms, Rat	FCM	RUO		100 tests	560019

## Immunoassays Product List

### Cytometric Bead Array - BD CBA Kits

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
Human Inflammatory Cytokine Kit	Hu	FCM	RUO	IL-8, IL-1 $\beta$ , IL-6, IL-10, TNF, IL-12p70	80 tests	551811
Human Th1/Th2 Cytokine Kit	Hu	FCM	RUO	IL-2, IL-4, IL-5, IL-10, TNF, IFN- $\gamma$	80 tests	550749
Human Th1/Th2 Cytokine Kit II	Hu	FCM	RUO	IL-2, IL-4, IL-6, IL-10, TNF, IFN- $\gamma$	80 tests	551809
Human Th1/Th2/Th17 Kit	Hu	FCM	RUO	IL-2, IL-4, IL-6, IL-10, TNF, IFN- $\gamma$ , IL-17A	80 tests	560484
Mouse Inflammation Kit	Ms	FCM	RUO	IL-6, IL-10, MCP-1, IFN- $\gamma$ , TNF, IL-12p70	80 tests	552364
Mouse Th1/Th2 Cytokine Kit	Ms	FCM	RUO	IL-2, IL-4, IL-5, IFN- $\gamma$ , TNF	80 tests	551287
Mouse Th1/Th2/Th17 Cytokine Kit	Ms	FCM	RUO	IL-2, IL-4, IL-6, IFN- $\gamma$ , TNF, IL-17A, IL-10	80 tests	560485
Non-human Primate Th1/Th2 Cytokine Kit	NHP	FCM	RUO	IL-2, IL-4, IL-5, IL-6, TNF, IFN- $\gamma$	80 tests	557800

## Immunoassays Product List

### Cytometric Bead Array - BD CBA Kit Standards

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
Human Inflammatory Cytokine Lyophilized Standard	Hu	FCM	RUO	IL-8, IL-1 $\beta$ , IL-6, IL-10, TNF, IL-12p70	1 vial	552932
Human Th1/Th2 Cytokine Lyophilized Standard	Hu	FCM	RUO	IL-2, IL-4, IL-5, IL-6, IL-10, TNF, IFN- $\gamma$	1 vial	551810
Mouse Inflammation Lyophilized Standard	Ms	FCM	RUO	IL-6, IL-10, MCP-1, TNF, IFN- $\gamma$ , IL-12p70	1 vial	620280
Mouse Th1/Th2 Cytokine Lyophilized Standard	Ms	FCM	RUO	IL-2, IL-4, IL-5, IFN- $\gamma$ , TNF	1 vial	552967

## Immunoassays Product List

### ELISA - ELISA Kits

DESCRIPTION	REACT	APPS	REG	SIZE	CAT. NO.
Human IFN- $\gamma$ ELISA Kit II	Hu	ELISA	RUO	2 plates	550612
Human IL-1 $\beta$ ELISA Kit II	Hu	ELISA	RUO	2 plates	557966
Human IL-2 ELISA Kit II	Hu	ELISA	RUO	2 plates	550611
Human IL-4 ELISA Kit II	Hu	ELISA	RUO	2 plates	550614
Human IL-6 ELISA Kit II	Hu	ELISA	RUO	2 plates	550799
Human IL-10 ELISA Kit II	Hu	ELISA	RUO	2 plates	550613
Human IL-12 (p40) ELISA Kit II	Hu	ELISA	RUO	2 plates	551116
Human IL-12 (p70) ELISA Kit	Hu	ELISA	RUO	2 plates	559258
Human TNF ELISA Kit II	Hu	ELISA	RUO	2 plates	550610
Mouse IFN- $\gamma$ ELISA Kit II	Ms	ELISA	RUO	2 plates	558258
Mouse IL-6 ELISA Kit	Ms	ELISA	RUO	2 plates	550950
Mouse TNF ELISA Kit	Ms	ELISA	RUO	2 plates	560478
Rat TNF ELISA Kit	Rat	ELISA	RUO	2 plates	560479

## Immunoassays Product List

### ELISA - ELISA Sets

DESCRIPTION	APPS	REG	SIZE	CAT. NO.
Human GM-CSF ELISA Set	ELISA	RUO	Reagents for 20 plates	555126
Human IFN- $\gamma$ ELISA Set	ELISA	RUO	Reagents for 20 plates	555142
Human IL-1 $\beta$ ELISA Set II	ELISA	RUO	Reagents for 20 plates	557953
Human IL-2 ELISA Set	ELISA	RUO	Reagents for 20 plates	555190
Human IL-2 sR $\alpha$ ELISA Set	ELISA	RUO	Reagents for 20 plates	559104
Human IL-4 ELISA Set	ELISA	RUO	Reagents for 20 plates	555194
Human IL-5 ELISA Set	ELISA	RUO	Reagents for 20 plates	555202
Human IL-6 ELISA Set	ELISA	RUO	Reagents for 20 plates	555220
Human IL-10 ELISA Set	ELISA	RUO	Reagents for 20 plates	555157
Human IL-12 (p40) ELISA Set	ELISA	RUO	Reagents for 20 plates	555171
Human IL-12 (p70) ELISA Set	ELISA	RUO	Reagents for 20 plates	555183
Human LT- $\alpha$ ELISA Set	ELISA	RUO	Reagents for 20 plates	550995
Human TGF- $\beta$ 1 ELISA Set	ELISA	RUO	Reagents for 20 plates	559119
Human TNF ELISA Set	ELISA	RUO	Reagents for 20 plates	555212
Monkey IFN- $\gamma$ ELISA Set	ELISA	RUO	Reagents for 20 plates	551492
Monkey IL-2 ELISA Set	ELISA	RUO	Reagents for 20 plates	551494
Mouse GM-CSF ELISA Set	ELISA	RUO	Reagents for 20 plates	555167
Mouse IFN- $\gamma$ ELISA Set	ELISA	RUO	Reagents for 20 plates	555138
Mouse IFN- $\gamma$ ELISA Set (AN-18)	ELISA	RUO	Reagents for 20 plates	551866
Mouse IL-1 $\beta$ ELISA Set	ELISA	RUO	Reagents for 20 plates	559603
Mouse IL-2 ELISA Set	ELISA	RUO	Reagents for 20 plates	555148
Mouse IL-4 ELISA Set	ELISA	RUO	Reagents for 20 plates	555232
Mouse IL-5 ELISA Set	ELISA	RUO	Reagents for 20 plates	555236
Mouse IL-6 ELISA Set	ELISA	RUO	Reagents for 20 plates	555240
Mouse IL-10 ELISA Set	ELISA	RUO	Reagents for 20 plates	555252
Mouse IL-12 (p40) ELISA Set	ELISA	RUO	Reagents for 20 plates	555165
Mouse IL-12 (p70) ELISA Set	ELISA	RUO	Reagents for 20 plates	555256
Mouse TNF (Mono/Mono) ELISA Set	ELISA	RUO	Reagents for 20 plates	555268
Mouse TNF (Mono/Mono) ELISA Set II	ELISA	RUO	Reagents for 20 plates	558534
Rat IFN- $\gamma$ ELISA Set	ELISA	RUO	Reagents for 20 plates	558861
Rat IL-4 ELISA Set	ELISA	RUO	Reagents for 20 plates	555198
Rat IL-6 ELISA Set	ELISA	RUO	Reagents for 20 plates	550319
Rat IL-10 ELISA Set	ELISA	RUO	Reagents for 20 plates	555134
Rat TNF ELISA Set	ELISA	RUO	Reagents for 20 plates	558535

## Immunoassays Product List

### ELISA - Ancillary Reagents

DESCRIPTION	APPS	REG	FORMAT	SIZE	CAT. NO.
Assay Diluent	ELISA	RUO		500 mL	555213
BD OptEIA™ Reagent Set A (pH 6.5 buffer)	ELISA	RUO	Coating Buffer (pH 6.5), Assay Diluent, Wash Concentrate, Substrate, and Stop Solution	Reagents for 20 plates	550536
BD OptEIA Reagent Set B (pH 9.5 buffer)	ELISA	RUO	Coating Buffer (pH 9.5), Assay Diluent, Wash Concentrate, Substrate, and Stop Solution	Reagents for 20 plates	550534
TMB Substrate reagent Set		RUO	Buffered solution/organic solvent for BD OptEIA™	1 Set (300 mL each of 2 reagents)	555214

# Immunoassays Product List

## ELISA - ELISA Pairs and Standards

DESCRIPTION	CLONE	ISOTYPE	FORMAT	REG	SIZE	CAT. NO.	
<b>Human G-CSF</b>	Matched Pair Capture	BVD13-3A5	Rat IgG <sub>1</sub>	Purified	RUO	1 mg	551342
	Matched Pair Detection	BVD11-37G10	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554670
<b>Human GM-CSF</b>	Matched Pair Capture	BVD2-23B6	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	554502
	Matched Pair Detection	BVD2-21C11	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554505
	Matched Pair Standard			Recombinant	RUO	10 µg	550068
<b>Human IFN-γ</b>	Matched Pair Capture	NIB42	Mouse IgG <sub>1</sub>	Purified	RUO	1 mg	551221
	Matched Pair Detection	4S.B3	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554550
	Matched Pair Standard			Recombinant	RUO	25 µg	554616
<b>Human IL-2</b>	Matched Pair Capture	5344.111	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	555051
	Matched Pair Detection	B33-2	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555040
	Matched Pair Standard			Recombinant	RUO	10 µg	554603
<b>Human IL-4</b>	Matched Pair Capture	8D4-8	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	554515
				Purified	RUO	0.1 mg	556917
	Matched Pair Detection	MP4-25D2	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554483
	Matched Pair Standard			Recombinant	RUO	5 µg	554605
<b>Human IL-5</b>	Matched Pair Capture	TRFK5	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554393
				Purified	RUO	0.1 mg	554392
	Matched Pair Capture	JES1-39D10	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	554488
	Matched Pair Detection	JES1-5A10	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554491
	Matched Pair Standard			Recombinant	RUO	5 µg	554606
<b>Human IL-6</b>	Matched Pair Capture	MQ2-13A5	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554543
	Matched Pair Detection	MQ2-39C3	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554546
	Matched Pair Standard			Recombinant	RUO	10 µg	550071
<b>Human IL-9</b>	Matched Pair Capture	MH9A4	Mouse IgG <sub>2b</sub>	Purified	RUO	0.5 mg	558088
	Matched Pair Detection	MH9A3	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	558089
<b>Human IL-10</b>	Matched Pair Capture	JES3-19F1	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	554705
	Matched Pair Capture	JES3-3D7	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554497
	Matched Pair Detection	JES3-12G8	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554499
	Matched Pair Standard			Recombinant	RUO	5 µg	554611
<b>Human IL-12 (p40)</b>	Matched Pair Capture	C8.3	Mouse IgG <sub>1</sub>	Purified	RUO	1.0 mg	551227
	Matched Pair Detection	C8.6	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554660
	Matched Pair Standard			Recombinant	RUO	5 µg	554633
<b>Human IL-12 (p70)</b>	Matched Pair Capture	20C2	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	555065
	Matched Pair Detection	C8.6	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554660
	Matched Pair Standard			Recombinant	RUO	5 µg	554613
<b>Human IL-13</b>	Matched Pair Capture	JES10-5A2	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554570
	Matched Pair Detection	B69-2	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555054
<b>Human IL-15</b>	Matched Pair Capture	G243-935	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	554712
	Matched Pair Detection	G243-886	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554713
	Matched Pair Standard			Recombinant	RUO	5 µg	554630
<b>Human LTα</b>	Matched Pair Capture	359-238-8	Mouse IgG <sub>1</sub>	Purified	RUO	1.0 mg	551222
	Matched Pair Detection	359-81-11	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554555
	Matched Pair Standard			Recombinant	RUO	10 µg	554619
<b>Human TGF-β</b>	Matched Pair Capture	A75-2	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	555052
	Matched Pair Detection	A75-3	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	555053
<b>Human TNF</b>	Matched Pair Capture	MAB1	Mouse IgG <sub>1</sub>	Purified	RUO	1.0 mg	551220
	Matched Pair Detection	MAB11	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554511
	Matched Pair Standard			Recombinant	RUO	10 µg	554618
<b>Human TNF Receptor Type 1 (CD120a)</b>	Matched Pair Capture	MABTNFR1-A1	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	552535
	Matched Pair Detection	MABTNFR1-B1	Mouse IgG <sub>2a</sub> , k	Biotin	RUO	0.5 mg	552536
<b>Mouse GM-CSF</b>	Matched Pair Capture	MP1-22E9	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	554404
	Matched Pair Detection	MP1-31G6	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554407
	Matched Pair Standard			Recombinant	RUO	10 µg	554586

# Immunoassays Product List

## ELISA - ELISA Pairs and Standards

DESCRIPTION	CLONE	ISOTYPE	FORMAT	REG	SIZE	CAT. NO.	
<b>Mouse IFN-<math>\gamma</math></b>	Matched Pair Capture	R4-6A2	Rat IgG <sub>1</sub>	Purified	RUO	1.0 mg	551216
	Matched Pair Capture	A6-18	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	551303
	Matched Pair Detection	XMG1.2	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554410
	Matched Pair Standard			Recombinant	RUO	10 $\mu$ g	554587
<b>Mouse IL-1<math>\alpha</math></b>	Matched Pair Capture	ALF-161	Hamster IgG	Purified	RUO	0.5 mg	550604
	Matched Pair Detection	C1150-27	Rabbit Ig	Biotin	RUO	0.5 mg	550606
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	551778
<b>Mouse IL-2</b>	Matched Pair Capture	JES6-1A12	Rat IgG <sub>2b</sub>	Purified	RUO	0.5 mg	554424
	Matched Pair Detection	JES6-5H4	Rat IgG <sub>2b</sub>	Biotin	RUO	0.5 mg	554426
	Matched Pair Standard			Recombinant	RUO	20 $\mu$ g	550069
<b>Mouse IL-4</b>	Matched Pair Capture	BVD4-1D11	Rat IgG <sub>2b</sub>	Purified	RUO	0.5 mg	554387
	Matched Pair Capture	11B11	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554434
	Matched Pair Detection	BVD6-24G2	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554390
	Matched Pair Standard			Recombinant	RUO	10 $\mu$ g	550067
<b>Mouse IL-5</b>	Matched Pair Capture	TRFK5	Rat IgG <sub>1</sub>	Purified	RUO	0.1 mg	554392
				Purified	RUO	0.5 mg	554393
	Matched Pair Detection	TRFK4	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554397
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	554581
<b>Mouse IL-6</b>	Matched Pair Capture	MP5-20F3	Rat IgG <sub>1</sub>	Purified	RUO	0.5 mg	554400
	Matched Pair Detection	MP5-32C11		Biotin	RUO	0.5 mg	554402
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	554582
<b>Mouse IL-9</b>	Matched Pair Capture	D8402E8	Rat IgG <sub>2a</sub>	Purified	RUO	1.0 mg	551218
	Matched Pair Detection	D9302C12	Hamster IgG	Biotin	RUO	0.5 mg	554473
	Matched Pair Standard			Recombinant	RUO	10 $\mu$ g	551867
<b>Mouse IL-10</b>	Matched Pair Capture	JES5-2A5	Rat IgG <sub>1</sub>	Purified	RUO	1.0 mg	551215
	Matched Pair Detection	SXC-1	Rat IgM	Biotin	RUO	0.5 mg	554423
	Matched Pair Detection	JES5-16E3	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554465
	Matched Pair Standard			Recombinant	RUO	10 $\mu$ g	550070
<b>Mouse IL-12 (p40)</b>	Matched Pair Capture	C15.6	Rat IgG <sub>1</sub>	Purified	RUO	1.0 mg	551219
	Matched Pair Detection	C17.8	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554476
	Matched Pair Standard			Recombinant	RUO	2 $\mu$ g	554594
<b>Mouse IL-12 (p70)</b>	Matched Pair Capture	9A5	Rat IgG <sub>2b</sub>	Purified	RUO	0.5 mg	554658
	Matched Pair Detection	C17.8	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	554476
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	554592
<b>Mouse IL-17A</b>	Matched Pair Capture	TC11-18H10.1	Rat IgG <sub>1</sub>	Purified	RUO	0.1 mg	559501
	Matched Pair Capture			Purified	RUO	0.5 mg	555068
	Matched Pair Detection	TC11-8H4.1	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555067
<b>Mouse TNF</b>	Matched Pair Capture	TN3-19.2	Hamster IgG	Purified	RUO	0.5 mg	557516
	Matched Pair Detection	Polyclonal	Rabbit Ig	Biotin	RUO	0.5 mg	557432
	Matched Pair Detection	516D1A1	Hu Ig Fab	Biotin	RUO	0.5 mg	558415
	Matched Pair Capture	G281-2626	Rat IgG <sub>1</sub>	Purified	RUO	1.0 mg	551225
	Matched Pair Detection	MP6-XT3	Rat IgG <sub>1</sub>	Biotin	RUO	0.5 mg	554415
	Matched Pair Standard			Recombinant	RUO	10 $\mu$ g	554589
<b>TGF-<math>\beta</math> (Human, cross reacts with Mouse)</b>	Matched Pair Capture	A75-2	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	555052
	Matched Pair Detection	A75-3	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	555053
<b>Rat GM-CSF</b>	Matched Pair Capture	B61-5/B61-9	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	555099
	Matched Pair Detection	B61-10	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555098
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	555111
<b>Rat IL-4</b>	Matched Pair Capture	OX-81	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	555080
	Matched Pair Detection	B11-3	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555090
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	555107
<b>Rat IL-6</b>	Matched Pair Capture	C3-4	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	550644
	Matched Pair Detection	G307-2	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	550642
	Matched Pair Standard			Recombinant	RUO	5 $\mu$ g	557008

## Immunoassays Product List

### ELISA - ELISA Pairs and Standards

DESCRIPTION	CLONE	ISOTYPE	FORMAT	REG	SIZE	CAT. NO.	
<b>Rat IL-10</b>	Matched Pair Capture	A5-7	Mouse IgG <sub>1</sub>	Purified	RUO	0.5 mg	555083
	Matched Pair Detection	A5-6	Mouse IgG <sub>1</sub>	Biotin	RUO	0.5 mg	555084
	Matched Pair Standard			Recombinant	RUO	5 µg	555113
<b>Rat TNF</b>	Matched Pair Capture	TN3-19.2	Hamster IgG	Purified	RUO	0.5 mg	557516
	Matched Pair Detection	Polyclonal	Rabbit Ig	Biotin	RUO	0.5 mg	557432
	Matched Pair Detection	516D1A1	Hu Ig Fab	Biotin	RUO	0.5 mg	558415
	Matched Pair Standard			Recombinant	RUO	5 µg	555109
<b>TGF-β (Human, cross reacts with Rat)</b>	Matched Pair Capture	A75-2	Rat IgG <sub>2a</sub>	Purified	RUO	0.5 mg	555052
	Matched Pair Detection	A75-3	Rat IgG <sub>2a</sub>	Biotin	RUO	0.5 mg	555053

## Immunoassays Product List

### In Vivo Capture Assays

DESCRIPTION	REACT	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>IFN-γ, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	558491
<b>IL-2, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	557937
<b>IL-4, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	557781
<b>IL-6, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	558075
<b>IL-10, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	558072
<b>TNF, Mouse In Vivo Capture Assay</b>	Ms	IVC	RUO	Set	10 plates	558568

## Immunoassays Product List

### ELISPOT - ELISPOT Kits

DESCRIPTION	REACT	APPS	REG	SIZE	CAT. NO.
<b>Human Granzyme B ELISPOT Kit</b>	Hu	ELISPOT	RUO	2 plates	552573
<b>Human IFN-γ ELISPOT Kit</b>	Hu	ELISPOT	RUO	2 plates	552138
<b>Mouse IFN-γ ELISPOT Kit</b>	Ms	ELISPOT	RUO	2 plates	552569

## Immunoassays Product List

### ELISPOT - ELISPOT Sets

DESCRIPTION	REACT	APPS	REG	SIZE	CAT. NO.
<b>Human Granzyme B ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	552572
<b>Human IFN-γ ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551849
<b>Human IL-2 ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551282
<b>Human IL-4 ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551084
<b>Human IL-5 ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551085
<b>Human IL-10 ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551018
<b>Human IL-12p70 ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	552574
<b>Human TNF ELISPOT Set</b>	Hu	ELISPOT	RUO	10 plates	551446
<b>Mouse IFN-γ ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	551083
<b>Mouse IL-2 ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	551076
<b>Mouse IL-4 ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	551017
<b>Mouse IL-5 ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	551075
<b>Mouse IL-6 ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	552567
<b>Mouse IL-12p70 ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	558671
<b>Mouse TNF ELISPOT Set</b>	Ms	ELISPOT	RUO	10 plates	551491
<b>Rat IFN-γ ELISPOT Set</b>	Rat	ELISPOT	RUO	10 plates	557819

## Immunoassays Product List

### ELISPOT - ELISPOT Pairs

DESCRIPTION	REACT	APPS	REG	SIZE	CAT. NO.
Human IFN- $\gamma$ ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551873
Human IL-2 ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551884
Human IL-4 ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551885
Human IL-5 ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551886
Human IL-10 ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551883
Human TNF ELISPOT Pair	Hu	ELISPOT	RUO	5 plates	551882
Mouse IFN- $\gamma$ ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	551881
Mouse IL-2 ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	551876
Mouse IL-4 ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	551878
Mouse IL-5 ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	551880
Mouse IL-10 ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	557982
Mouse TNF ELISPOT Pair	Ms	ELISPOT	RUO	5 plates	551875

## Immunoassays Product List

### ELISPOT - Ancillary Reagents

DESCRIPTION	APPS	REG	FORMAT	SIZE	CAT. NO.
AEC Substrate Set	ELISPOT	RUO	AEC Substrate and AEC Chromogen	1 set	551951
Streptavidin-HRP	ELISPOT	RUO		1.0 mL	557630

## Cell-based Assays Product List

### Recombinant proteins

DESCRIPTION	REACT	APPS	REG	SIZE	CAT. NO.
GM-CSF, Recombinant human	Hu	FA	RUO	10 $\mu$ g	550068
GM-CSF, Recombinant mouse	Ms	FA	RUO	10 $\mu$ g	554586
GM-CSF, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	555111
IFN- $\gamma$ , Recombinant human	Hu	FA	RUO	50 $\mu$ g	554617
IFN- $\gamma$ , Recombinant human	Hu	FA	RUO	25 $\mu$ g	554616
IFN- $\gamma$ , Recombinant mouse	Ms	FA	RUO	10 $\mu$ g	554587
IFN- $\gamma$ , Recombinant rat	Rat	FA	RUO	5 $\mu$ g	550072
IL-1 $\beta$ , Recombinant human	Hu	FA	RUO	5 $\mu$ g	554602
IL-1 $\beta$ , Recombinant mouse	Ms	FA	RUO	5 $\mu$ g	554577
IL-2, Recombinant human	Hu	FA	RUO	10 $\mu$ g	554603
IL-2, Recombinant mouse	Ms	FA	RUO	20 $\mu$ g	550069
IL-2, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	555106
IL-4, Recombinant human	Hu	FA	RUO	5 $\mu$ g	554605
IL-4, Recombinant mouse	Ms	FA	RUO	10 $\mu$ g	550067
IL-4, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	555107
IL-5, Recombinant human	Hu	FA	RUO	5 $\mu$ g	554606
IL-5, Recombinant mouse	Ms	FA	RUO	5 $\mu$ g	554581
IL-6, Recombinant human	Hu	FA	RUO	10 $\mu$ g	550071
IL-6, Recombinant mouse	Ms	FA	RUO	5 $\mu$ g	554582
IL-6, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	557008
IL-10, recombinant human	Hu	FA	RUO	5 $\mu$ g	554611
IL-10, Recombinant mouse	Ms	FA	RUO	10 $\mu$ g	550070
IL-10, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	555113
IL-12 (p70), Recombinant human	Hu	FA	RUO	5 $\mu$ g	554613
IL-12 (p70), Recombinant mouse	Ms	FA	RUO	5 $\mu$ g	554592
IL-13, Recombinant mouse	Ms	FA	RUO	5 $\mu$ g	554599
LT- $\alpha$ , Recombinant human	Hu	FA	RUO	10 $\mu$ g	554619
TNF, Recombinant human	Hu	FA	RUO	10 $\mu$ g	554618
TNF, Recombinant mouse	Ms	FA	RUO	10 $\mu$ g	554589
TNF, Recombinant rabbit	Rab	FA	RUO	10 tests	558135
TNF, Recombinant rat	Rat	FA	RUO	5 $\mu$ g	555109

## Magnetic Cell Separation Reagents Product List

### Human Cell Separation Reagents

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Buffer (10x) for use with BD IMag™ cell separation products</b>				Sep	RUO	Buffer	100 mL	552362
<b>CD3 Magnetic Particles - DM</b>	Hu	HIT3a	Mouse IgG <sub>2a</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	552593
<b>CD4 Magnetic Particles - DM</b>	Hu, Rhe	L200	Mouse IgG <sub>1</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557767
<b>CD4 T Lymphocyte Enrichment Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557939
<b>CD8 Magnetic Particles - DM</b>	Hu, Rhe	SK1	Mouse (BALB/c) IgG <sub>1</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557766
<b>CD8 T Cell Enrichment Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	560108
<b>CD8 T Lymphocyte Enrichment Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557941
<b>CD25 Magnetic Particles - DM</b>	Hu	2A3	Mouse IgG <sub>1</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558005
<b>CD56 Magnetic Particles - DM</b>	Hu	NCAM16.2	Mouse (BALB/c) IgG <sub>2b</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557775
<b>Memory CD4<sup>+</sup> T Cell Enrichment Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558520
<b>Naive CD4 T Cell Enrichment Set</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558521
<b>Naive CD8 T Cell Enrichment Set</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558569
<b>Regulatory T Lymphocyte Separation Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558142
<b>γδ T Cell Receptor Separation Set</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558594
<b>T Lymphocyte Enrichment Set - DM</b>	Hu			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557874

## Magnetic Cell Separation Reagents Product List

### Mouse Cell Separation Reagents

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Buffer (10x) for use with BD IMag cell separation products</b>				Sep	RUO	Buffer	100 mL	552362
<b>CD4 Magnetic Particles - DM</b>	Ms	GK1.5	Rat (Lewis) IgG <sub>2b</sub> , κ	Sep	RUO	BD IMag-DM	2 x 10 <sup>9</sup> cells	551539
<b>CD4 T Lymphocyte Enrichment Set - DM</b>	Ms			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558131
<b>CD8a Magnetic Particles - DM</b>	Ms	53-6.7	Rat (LOU/Ws1/M) IgG <sub>2a</sub> , κ	Sep	RUO	BD IMag-DM	2 x 10 <sup>9</sup> cells	551516
<b>CD8 T Lymphocyte Enrichment Set - DM</b>	Ms			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558471
<b>T Lymphocyte Enrichment Set - DM</b>	Ms			Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	557793

## Magnetic Cell Separation Reagents Product List

### Other Species Cell Separation Reagents

DESCRIPTION	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
<b>Buffer (10x) for use with BD IMag cell separation products</b>				Sep	RUO	Buffer	100 mL	552362
<b>CD4 Magnetic Particles - DM</b>	Rat	OX-38	Mouse (BALB/c) IgG <sub>2a</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558543
<b>Rat CD8 Magnetic Particles</b>	Rat	G28	Mouse (BALB/c) IgG <sub>2a</sub> , κ	Sep	RUO	BD IMag-DM	1 x 10 <sup>9</sup> cells	558672

## Abbreviations

The following are common abbreviations that you will find used throughout the T Cell Reagents Product List.

APPS	Applications	IHC	Immunohistochemistry
Ar	Armenian hamster	IHC(F)*	Immunohistochemistry—formalin (antigen retrieval required)
Bab	Baboon	IHC(Fr)	Immunohistochemistry—frozen
BD IMag - DM	Direct Magnet	IHC(P)	Immunohistochemistry—formalin fixed, paraffin
Bioimg	Bioimaging	IHC(Zn)	Immunohistochemistry—zinc fixed
Block	Blocking	IP	Immunoprecipitation
Bov	Bovine	IP/WB	Immunoprecipitation/Western blot
Chick	Chicken	ISH	In situ hybridization
Ctrl	Controls	Lym	Lymphocyte
Cost	Co-stimulation	Mam	Mammalian
Cyno	Cynomolgus	Monk	Monkey
EA	Enzyme assay	Ms	Mouse
ELISA	Enzyme-linked immunosorbent assay	NA/LE	No azide, low endotoxin
ELISA Cap.	ELISA Capture	Neu	Neutralization
ELISA Det.	ELISA Detection	NHP	Non-human primate
ELISPOT	Enzyme-linked immunospot	PE	Phycoerythrin
FCM	Flow cytometry	PerCP	Peridinin chlorophyll protein
FCM*	Flow cytometry. Suitable for use with intracellular staining protocols using BD Cytotfix/Cytoperm™.	PerCP-Cy™5.5	Peridinin chlorophyll protein-cyanin 5.5
FCM/IA	Flow cytometry/immunoassay	Pg	Pigeon
FITC	Fluorescein isothiocyanate	Pig	Porcine
FA	Functional assay	Prim	Primate
G Pig	Guinea pig	Qua	Quail
GMP	Good Manufacturing Practices	Rab	Rabbit
Gt	Goat	REACT	Reactivity
Ham	Hamster	Rhe	Rhesus
HRP	Horseradish peroxidase	RUO	For Research Use Only. Not for use in diagnostic or therapeutic procedures.
Hs	Horse	Sep	Cell separation
Hu	Human	Syr Ham	Syrian hamster
IC	Intracellular staining	Tr	Trout
ICtrl	Isotype control	Vir	Viral
IC Ctrl	Intracellular control	WB	Western blot
ICC	Immunocytochemistry (cytospins)	Xen	Xenopus
IC/FCM	Intracellular staining (flow cytometry)		
IF	Immunofluorescence		

---

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

APC-Cy7: US patent 5,714,386

Cy™ is a trademark of Amersham Biosciences Corp. Cy dyes are subject to proprietary rights of Amersham Biosciences Corp and Carnegie Mellon University and are made and sold under license from Amersham Biosciences Corp only for research and in vitro diagnostic use. Any other use requires a commercial sublicense from Amersham Biosciences Corp, 800 Centennial Avenue, Piscataway, NJ 08855-1327, USA.

Pacific Blue is a trademark and Alexa Fluor is a registered trademark of Molecular Probes, Inc.

BD, BD Logo and all other trademarks are property of Becton, Dickinson and Company. © 2010 BD

23-11593-00

