
BD Biosciences
Stem Cell Research Source

Product List

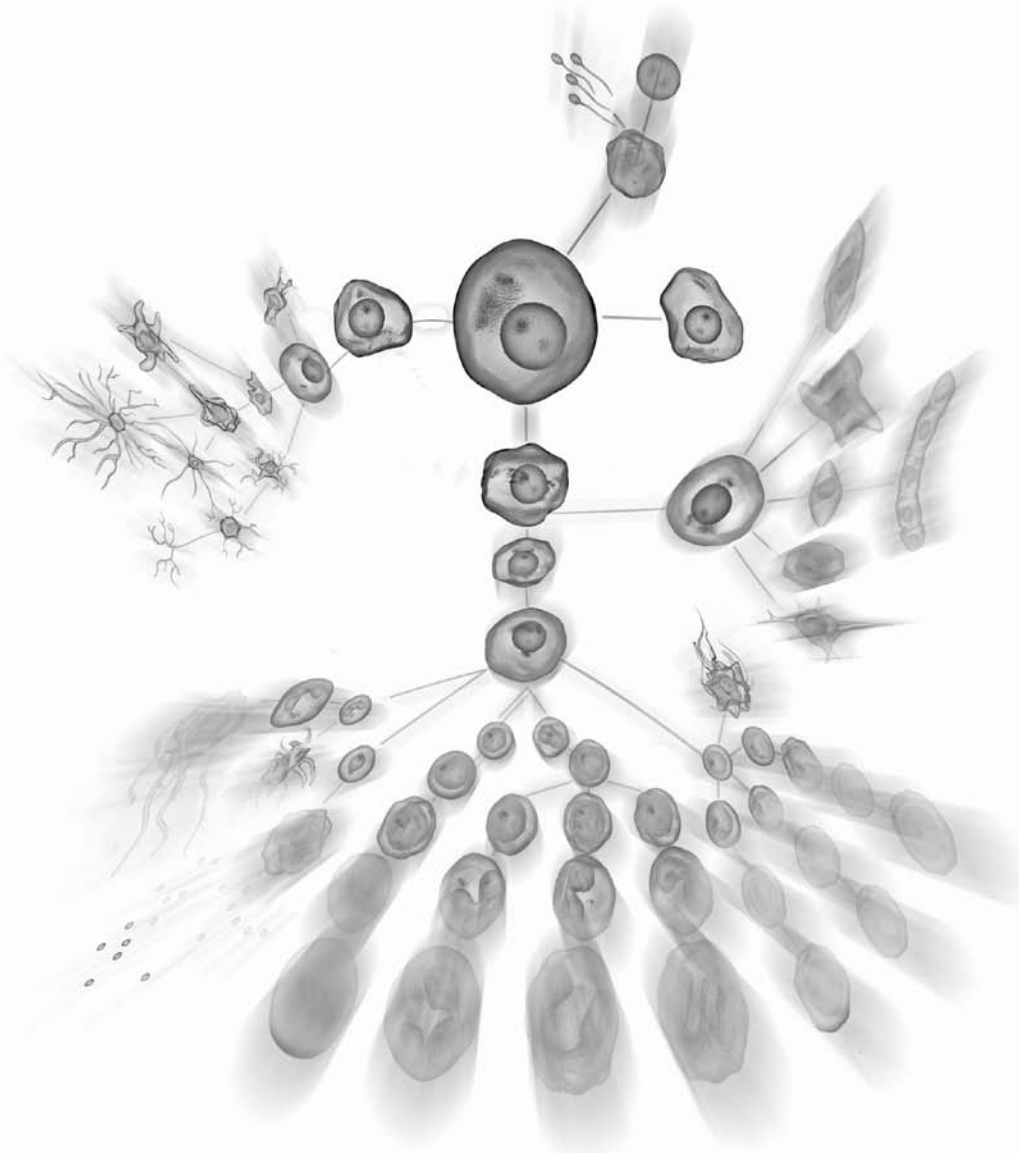


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Abbreviations for Area of Relevance

A-D: Adipose-Derived Stem Cell Markers
AM: Adipogenesis Markers
AST: Astrocytes
B/O: Bone/Osteogenesis Markers
CHON: Chondrogenic Differentiation
DE: Definitive Endoderm Markers
EMB: Embryonic Stem Cell Markers
END: Endothelial Cell Markers

ENDO: Endoderm Markers
HEM: Hematopoietic Stem Cell Markers
HEP: Hepatic Endoderm Markers
HMB: Hemangioblast Markers
HSM: Heart and Skeletal Muscle Markers
MES-: Mesenchymal Stem Cell Negative Markers
MES+: Mesenchymal Stem Cell Positive Markers
MSP: Mesoderm Precursor

MYG: Myogenesis Markers
NC: Neural Crest Cell Markers
NEU: Neural Stem Cell Markers
NRN: Neuronal Markers
NSP: Notch Signaling Pathway
OLG: Oligodendrocyte Markers
OST: Osteogenic Differentiation
PAN: Pancreatic Endoderm Markers

PGT: Primitive Gut Tube Markers
PRI: Primordial Germ Cell Markers
SKP: Skin Precursor Cell Markers
TGF: TGF- β signaling
TRO: Trophoblast Markers
WNT: Wnt signaling

Other Abbreviations

2step: 2nd Step
Activ Ctrl.: Activation control
AKP: Alkaline phosphatase
APC: Allophycocyanin
ASR: Analyte specific reagent – Analytical and performance characteristics are not established.
APPS: Applications
Ar Ham: Armenian hamster
Bab: Baboon
BV: Baculovirus expression
BD IMag - DM: Direct Magnet
Bio: Bioassay
Bioimg: Bioimaging
Block: Blocking
Bov: Bovine
cGMP: Current Good Manufacturing Practices
Chick: Chicken
Ctrl: Controls
Cost: Co-stimulation
Cyno: Cynomolgus
Cyt: Cytotoxicity
EM: Electron microscopy
EP: Electrophoresis
EA: Enzyme assay
ELISA: Enzyme-linked immunosorbent assay
ELISA Cap.: ELISA Capture

ELISA Det.: ELISA Detection
ELISPOT: Enzyme-linked immunospot
FA: Functional assay
FACS: Fluorescence-activated cell sorting
FCM: Flow cytometry
FCM*: Flow cytometry. Suitable for use with intracellular staining protocols using BD Cytotfix/Cytoperm™.
FCM/IA: Flow cytometry/immunoassay
FITC: Fluorescein isothiocyanate
FM: Fluorescence microscopy
FQ: Fluorescence quantitation
G Pig: Guinea pig
Ger: Gerbil
GS: Gel shift
GMP: Good Manufacturing Practices
Gt: Goat
Ham: Hamster
HRP: Horseradish peroxidase
Hs: Horse
Hu: Human
IC: Intracellular staining
ICtrl: Isotype control
IC Ctrl: Intracellular control
ICC: Immunocytochemistry (cytopins)
ICIFCM: Intracellular staining (flow cytometry)
IF: Immunofluorescence

IHC: Immunohistochemistry
IHC(F)*: Immunohistochemistry—formalin (antigen retrieval required)
IHC(Fr): Immunohistochemistry—frozen
IHC(P): Immunohistochemistry—formalin fixed, paraffin
IHC(Zn): Immunohistochemistry—zinc fixed
InsCC: Insect cell culture
IP: Immunoprecipitation
IP/WB: Immunoprecipitation/Western blot
IVC: In Vivo Capture
IVD: For In Vitro Diagnostic Use
ISH: In situ hybridization
IVK: In vitro kinase assay
KA: Kinase assays
KDa: Kilodalton
KLH: Keyhole limpet hemocyanin
Koa: Koala
Lym: Lymphocyte
Lum: Luminometer
Mam: Mammalian
Monk: Monkey
Ms: Mouse
NAILE: No azide, low endotoxin
NB: Northern blot
Neu: Neutralization
NHP: Non-human primate

PE: Phycoerythrin
PerCP: Peridinin chlorophyll protein
PerCP-Cy5.5: Peridinin chlorophyll protein-cyanin 5.5
PE-Cy5: Phycoerythrin-cyanin 5
PE-Cy7: Phycoerythrin-cyanin 7
Pg: Pigeon
Pig: Porcine
Prim: Primate
Prolif: Proliferation
Qua: Quail
Rab: Rabbit
Rb: Retinoblastoma
REACT: Reactivity
Rhe: Rhesus
RIA: Radioimmunoassay
RUO: For Research Use Only. Not for use in diagnostic or therapeutic procedures.
Sep: Cell separation
SF: Spectrofluorometer
Syr Ham: Syrian hamster
Tr: Trout
TRITC: Tetramethyl rhodamine isothiocyanate
Vir: Viral
YTC: Viral-transformed cells
WB: Western blot
Xen: Xenopus

Stem Cell Research Reagents – Stem Cell Markers Overview

This page provides an overview of markers for stem cell research offered by BD Biosciences, grouped by area of relevance. Our monoclonal antibodies are available in a variety of formats and have been tested for multiple applications.

Embryonic Stem Cells

Embryonic Stem Cell Markers

CCR4	Nanog
C-Raf	Oct3/4
CD9	p38 MAPK (PT180/pY182)
CD15 (SSEA-1, Lewis x)	Ras
CD24	Sox2
CD29	SSEA-3
CD30	SSEA-4
CD49f	Stat1
CD130	Stat1 (pY701)
CD324 (E-Cadherin)	Stat3
CD338	Stat3 (pS727)
CDX2	Stat3 (pY705)
basic FGF	Stat3-interacting protein 1
gp130 (pS782)	Stat4
Mek1	Stat4 (pY693)
Mek1 (pS298)	Stat5 (MGF)
Mek1/2 (pS222)	Stat6
Phospho Mek1/2 (pS222)	Stat6 (pY641)
Mek2	TRA-1-60 Antigen
c-Myc	TRA-1-81 Antigen

Trophoblast Markers

Cytokeratin 7	Trop-2
Trop-1	

Primordial Germ Cell Markers

CD15 (SSEA-1, Lewis x)	VASA/DDX4
Oct-3/4	

Ectoderm Markers

Neural Stem Cell Markers

CD15 (SSEA-1, Lewis x)	GFAP
CD15s (Sialyl Lewis x)	GFAP Cocktail
CD24	Ki-67
CD29	CD146 (MCAM)
CD49f	MSH1
CD54	Nestin
CD56 (N-CAM)	Noggin
CD81 (TAPA-1)	Notch1
CD95	S100B
CD146 (MCAM)	Sox1
CD184	Sox2
CD271	SSEA-1 (CD15, Lewis x)
CDw338	

Neuronal Markers

CD81 (TAPA-1)	Neurofilament NF-M
CD90	Neuropilin-2
CD90.1	Nicastrin
CD90.2	p150 Glued
CD112	Pax-5
ChAT (Choline Acetyltransferase)	PSD-95 (SAP-90)
Contactin	Serotonin Receptor 5-HT 2BR
Doublecortin	SMN
GABA BR2	Synaptophysin
GAD65	Synaptotagmin
GAP-43/Neuromodulin	Synaptotagmin I
GluR δ 2	Synaptotagmin II
GluR2	Synaptotagmin V
GluR5/6/7 (N-Terminal)	Syntaxin
Glutamine Synthetase	α-Synuclein
p-Glycoprotein	α-Synuclein (pY125)
Jagged1	Tau
Ly-6A/E	TrkB
MAP2	Tubby
MAP2B	β-Tubulin
mGluR1	β-Tubulin Class III
mGluR1α	Tyrosine Hydroxylase
N-Cadherin	Vimentin
Nestin	

Astrocytes

GFAP	S100B
GFAP Cocktail	

Oligodendrocyte Markers

CD44	CD140a
CD44H (Pgp-1, H-CAM)	RIP

Neural Crest Cell Markers

CD49d	MASH1
CD57 (HNK-1)	Neurogenin 3
CD271	Notch1

Ectoderm Markers (continued)

Skin Precursor Cell Markers

CRABP2	Sca-1 (Ly6A/E)
Fibronectin	Vimentin
Nestin	

Endoderm Markers

Definitive Endoderm Markers

CD325 (N-Cadherin)	CD184
β-Catenin	

Primitive Gut Tube Marker

CDX2	HNF-1β
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Pancreatic Endoderm Markers

CD49f	Synaptophysin
Neurogenin 3	

Hepatic Endoderm Markers

CD44H (Pgp-1, H-CAM)	HNF-1
CD49f	HNF-1β
CD90	Tat-SF1

Mesoderm Markers

Hemangioblast Markers

CD31	Flk-1
CD144 (VE-Cadherin)	TIE2

Hematopoietic Stem Cell Markers

CD11c (Integrin α ^x chain)	CD164
CD15 (SSEA-1, Lewis x)	CD184
CD15s (Sialyl Lewis x)	CD201
CD24	CD324 (E-Cadherin)
CD34	CDw338
CD41 (Integrin α ^{mb} chain)	Flk-1
CD44	GATA3
CD56 (N-CAM)	GATA4
CD59	G-CSF
CD90	Lineage Cocktail
CD90.1	Ly-6A/E
CD91	MRP-1
CDw93 (C1qRp)	p-Glycoprotein
CD105	PU.1
CD106 (VCAM-1)	TdT (Terminal Transferase)
CD109	Ter 119/Erythroid cells (Ly-76)
CD114	TIE2
CD115	TIE2 (pY992)
CD116 (GM-CSF Receptor)	TIE2 (pY1102)
CD117 (c-kit)	VEGF
CD127	Wiskott-Aldrich Syndrome Protein
CD138 (Syndecan-1)	

Endothelial Cell Markers

CD15 (SSEA-1, Lewis x)	CD184
CD29	CD192 (CCR2)
CD31	CD201
CD34	CD252 (OX-40 Ligand)
CD49d	CD309 (VEGFR/KDR)
CD49e	Flk-1
CD49f	HIF-1α
CD54	IP-10
CD56 (N-CAM)	Ly-6A/E
CDw93 (C1qRp)	Nestin
CD102	SSEA-1 (CD15, Lewis x)
CD105	Stat1
CD106 (VCAM-1)	Stat1 (pY701)
CD109	Stat3
CD112	Stat3 (pS727)
CD116 (GM-CSF Receptor)	Stat3 (pY705)
CD117 (c-kit)	Stat3-interacting protein 1
CD120a	Stat4
CD120b	Stat4 (pY693)
CD124	Stat5 (MGF)
CD144 (VE-Cadherin)	Stat6
CD146 (MCAM)	Stat6 (pY641)
CD152 (CTLA-4)	TIE2
CD157	Vimentin

Mesoderm Markers (continued)

Mesoderm Precursor, Heart, and Skeletal Muscle Markers

Actin	CD124
α-Actinin	CD127
Annexin VI	CD152
Caveolin-2	CD157
Caveolin-3	CD192
CD11c (Integrin α ^x chain)	CD252 (OX-40 Ligand)
CD13	CD318
CD31	CD325 (N-Cadherin)
CD34	Desmin
CD41 (Integrin α ^{mb} chain)	β-Enolase
CD66	Ly-6A/E
CD66c	MyoD
CD91	Myogenin
CD106 (VCAM-1)	NF-YA
CD109	PU.1
CD115	TdT (Terminal Transferase)
CD116	Ter-119/Erythroid cells (Ly-76)
CD117 (c-kit)	TIE2

Mesenchymal Stem Cells

BMPR-II	CD79a
CD10	CD90
CD11b	CD105
CD13	CD106 (VCAM-1)
CD19	CD117 (c-kit)
CD29	CD120a
CD31	CD120b
CD34	CD166
CD44	CD271
CD45	CD318
CD71	HLA-DR
CD73	Ly-6A/E

Adipogenesis Markers

Acpr30	
Bone/Osteogenesis Markers	
Fibronectin	IGFBP-3

Myogenesis Markers

CD325 (N-Cadherin)	Myogenin
Desmin	

Adipose-Derived Stem Cell Markers

CD9	CD59
CD10	CD73
CD29	CD90
CD34	CD105
CD44	CD117 (c-kit)
CD49d	CD146 (MCAM)
CD49e	CD166
CD54	

Stem Cell Relevant Signaling

TGF-β Signaling

BMPR-II	Id2
CD119 (IFN-γ Receptor α)	Id3
Connexin-43	IFN-γ Receptor β Chain
DP-1	c-Myc
E2F-1	p16 INK4
E2F-2	p107
E2F-3	p300
ERK	PP2A Catalytic α ROCK-1
ERK1	ROCK-II
ERK1/2 (pT202/pY204)	Smad2/3
ERK2	Smad4
ERK3	SP1
Id1	

Wnt Signaling

14-3-3	β-Catenin (pS45)
14-3-3e	δ-Catenin
CaM Kinase II	γ-Catenin
CaM Kinase IV	CBP (CREB-Binding Protein)
Casein Kinase Iε	GSK-3β
Casein Kinase IIα/α'	GSK-3β (pY216)
Casein Kinase IIβ	HDAC3
α-Catenin	PP2A Catalytic α
β-Catenin	Wnt16

Notch Signaling

CBP (CREB-Binding Protein)	Nicastrin
Jagged1	Notch1
Neurogenin 3	

Stem Cell Research Reagents – Stem Cell Markers

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
14-3-3	WNT	Hu	C23-1	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556596
14-3-3ε	WNT	Chick, Dog, Frog, Hu, Ms, Rat	12	Mouse IgM	IF, IHC, WB, IP	RUO	Purified	50 µg	610542
					IF, IHC, WB, IP	RUO	Purified	150 µg	610543
Acrp30	AM	Hu	31	Mouse IgG _{2b}	WB, IF	RUO	Purified	50 µg	611644
					WB, IF	RUO	Purified	150 µg	611645
Actin	MSP	Chick, Dog, Hu, Ms, Rat	C4/actin	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	612656
					IF, WB	RUO	Purified	150 µg	612657
					Bioimg	RUO	Alexa Fluor® 488	100 tests	558623
					Bioimg	RUO	Alexa Fluor® 555	100 tests	558622
					Bioimg	RUO	Alexa Fluor® 647	100 tests	558624
α-Actinin	MSP, HSM	Hu	23	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	612576
					IF, WB	RUO	Purified	150 µg	612577
Annexin VI	MSP	Hu, Rat	73	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610300
					IF, IP, WB	RUO	Purified	150 µg	610301
BMPR-II	MES+, TGF	Hu, Ms, Rat	18	Mouse IgG ₁	WB	RUO	Purified	50 µg	612292
E-Cadherin (CD324)	EMB	Dog, Hu, Rat	34	Mouse IgG _{2b}	IF, IP, WB	RUO	Purified	50 µg	610404
					IF, IP, WB	RUO	Purified	150 µg	610405
		Hu, Ms, Rat, Dog	36	Mouse IgG _{2a} κ	IF, IHC, IP, WB	RUO	Purified	50 µg	610181
					IF, IHC, IP, WB	RUO	Purified	150 µg	610182
		Hu	36	Mouse IgG _{2a} κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560061
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560064
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560062
					IF, IHC, IP	RUO	FITC	50 µg	612130
IF, IHC, IP	RUO	FITC	150 µg	612131					
N-Cadherin (CD325)	NRN, DE, HEM	Chick, Hu, Ms, Rat	32	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610920
					IF, WB	RUO	Purified	150 µg	610921
CaM Kinase II	WNT	Dog, Hu, Ms, Rat	45	Mouse IgG ₁	IF, IHC, WB	RUO	Purified	50 µg	611292
					IF, IHC, WB	RUO	Purified	150 µg	611293
CaM Kinase IV	WNT	Hu, Ms, Rat	26	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610275
					IF, IHC, IP, WB	RUO	Purified	150 µg	610276
Casein Kinase Iε	WNT	Chick, Dog, Hu, Ms, Rat	1	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610445
					IF, IP, WB	RUO	Purified	150 µg	610446
Casein Kinase IIα/α'	WNT	Hu, Ms, Rat	31	Mouse IgG ₁	WB, IF	RUO	Purified	50 µg	611610
					WB, IF	RUO	Purified	150 µg	611611
Casein Kinase IIβ	WNT	Dog, Dros, Hu, Ms, Rat	51	Mouse IgG ₁	IF, IHC, WB, IP	RUO	Purified	50 µg	610443
					IF, IHC, WB, IP	RUO	Purified	150 µg	610444
α-Catenin	WNT	Chick, Dog, Hu, Ms, Rat	5	Mouse IgG ₁	IF, WB, IP, IHC	RUO	Purified	50 µg	610193
					IF, WB, IP, IHC	RUO	Purified	150 µg	610194
β-Catenin	DE, WNT	Chick, Dog, Hu, Ms, Rat	14	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610153
					IF, IHC, IP, WB	RUO	Purified	150 µg	610154
					IF, IHC	RUO	FITC	50 µg	610155
					IF, IHC	RUO	FITC	150 µg	610156
					IF, IHC	RUO	TRITC	50 µg	610159
β-Catenin (pS45)	WNT	Hu	K63-363	Mouse IgG ₁ κ	IC/FCM	RUO	Alexa Fluor® 647	50 tests	558666
δ-Catenin	WNT	Ms, Rat	30	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611536
					IF, WB	RUO	Purified	150 µg	611537
γ-Catenin	WNT	Chick, Dog, Hu, Ms, Rat	15	Mouse IgG _{2a}	IF, IHC, IP, WB	RUO	Purified	50 µg	610253
					IF, IHC, IP, WB	RUO	Purified	150 µg	610254
Caveolin-2	MSP	Hu, Ms, Rat	65	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610684
					IF, WB	RUO	Purified	150 µg	610685
Caveolin-3	MSP	Ms, Rab, Rat	26	Mouse IgG ₁	IHC, WB	RUO	Purified	50 µg	610420
					IHC, WB	RUO	Purified	150 µg	610421
CBP (CREB-Binding Protein)	WNT, NSP	Hu	AC238	Mouse IgG ₁	IP, WB	RUO	Purified	0.1 mg	557021

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.					
CCR4	EMB	Hu	1G1	Mouse IgG ₁ , 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	PE	0.2 mg	551120					
					FCM	RUO	PE-Cy™7	0.1 mg	557864					
					FCM	RUO	PerCP-Cy™5.5	50 tests	560726					
CD9	EMB, A-D	Hu	M-L13	Mouse IgG ₁ , κ	FCM	RUO(GMP)	APC	100 tests	341648					
					FCM	RUO(GMP)	FITC	50 tests	341646					
					FCM	RUO	FITC	100 tests	555371					
					FCM	RUO(GMP)	PE	50 tests	341647					
					FCM	RUO	PE	100 tests	555372					
					FCM	RUO(GMP)	PerCP-Cy5.5	50 tests	341649					
		Ms	KMC8	Rat IgG _{2a} , κ	FCM, IHC(Fr), WB	RUO	Purified	0.1 mg	555370					
					FCM, Cost, Block, IF, IHC(Fr), IP, WB	RUO	NA/LE	0.5 mg	553758					
		Rat	RPM.7	Mouse IgG ₂ , κ	FCM, IP, WB	RUO	Purified	0.1 mg	551808					
		CD10	MES+, A-D	Hu	HI10a	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	555373			
FCM	RUO(GMP)						APC	100 tests	340923					
FCM	RUO(GMP)						FITC	50 tests	340925					
FCM	RUO						PE	50 tests	557143					
FCM	RUO(GMP)						PE	50 tests	340921					
FCM	RUO						PE	100 tests	555375					
W8E7	Mouse IgG _{2a} , κ				FCM	RUO	PE-Cy™5	100 tests	555376					
					FCM	RUO(GMP)	PE-Cy7	100 tests	341092					
					FCM	RUO(GMP)	Purified	100 tests	347500					
					FCM	RUO(GMP)	FITC	100 tests	347503					
					CD11c (Integrin α _x chain)	HEM, MSP	Hu	S-HCL-3	Mouse IgG _{2b} , κ	FCM	RUO(GMP)	APC	100 tests	340544
										FCM	RUO(GMP)	PE	100 tests	347637
B-ly6	Mouse IgG ₁ , κ	FCM	RUO	NA/LE						50 µg	555390			
		FCM	RUO	Purified						0.1 mg	555391			
		FCM	RUO	APC						100 tests	559877			
		FCM	RUO	BD Horizon™ V450						30 tests	560370			
Ms	HL3	Ar Ham IgG1, λ1	FCM	RUO			BD Horizon V450	120 tests	560369					
			FCM	RUO			PE	100 tests	555392					
			FCM	RUO			PE-Cy5	100 tests	551077					
			IHC(Fr), IHC(Zn)	RUO			Purified	1 mL	550375					
FCM	RUO	Purified	0.5 mg	553799										
FCM	RUO	Biotin	0.5 mg	553800										
FCM	RUO	Alexa Fluor® 700	50 µg	560583										
FCM	RUO	APC	0.1 mg	550261										
FCM	RUO	BD Horizon V450	50 µg	560521										
FCM	RUO	FITC	0.1 mg	557400										
FCM	RUO	FITC	0.5 mg	553801										
FCM	RUO	PE	0.1 mg	557401										
FCM	RUO	PE	0.2 mg	553802										
FCM	RUO	PE-Cy7	0.1 mg	558079										
FCM	RUO	PerCP-Cy5.5	50 µg	560584										
IHC(Fr)	RUO	Purified	1 mL	550283										
CD13	HEM, MES+	Hu	L138	Mouse IgG ₁ , κ	FCM	RUO(GMP)	Purified	100 tests	347830					
					FCM	RUO(GMP)	PE	100 tests	347837					
					FCM	RUO	PE-Cy7	100 tests	338425					
					WM15	Mouse IgG ₁ , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555393			
			FCM	RUO			APC	100 tests	557454					
			FCM	RUO			PE	100 tests	555394					
			Ms	R3-242			Rat (Lewis) IgG ₁ , κ	FCM	RUO	FITC	0.1 mg	558744		
					FCM	RUO		PE	0.1 mg	558745				

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
CD15 (SSEA-1, Lewis x)	EMB, NEU, HEM, END	Hu	MMA	Mouse IgM, κ	FA, FCM, IHC(F)	RUO	Purified	0.2 mg	559045			
					FCM	RUO(GMP)	Purified	100 tests	347420			
					FCM	RUO	BD Horizon V450	100 tests	642917			
					FCM	RUO(GMP)	FITC	100 tests	347423			
		Hu, Ms	W6D3	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	557895			
					HI98	Mouse IgM, κ	FCM	RUO	APC	100 tests	551376	
							FCM	RUO	FITC	100 tests	555401	
							FCM	RUO	PE	100 tests	555402	
FCM, IHC(Fr), IHC(F)	RUO	Purified	0.1 mg	555400								
CD15s (Sialyl Lewis x)	NEU, HEM	Hu	CSLEX1	Mouse IgM, κ	FCM	RUO	Purified	0.1 mg	551344			
CD24	EMB, NEU, HEM	Ms	J11d	Rat IgM, κ	FCM, IHC(Fr), WB	RUO	Purified	0.5 mg	553146			
				M1/69	Rat IgG _{2b} , κ	FCM	RUO	Biotin	0.5 mg	553260		
			FCM	RUO	FITC	0.5 mg	553261					
								FCM	RUO	PE-Cy7	50 µg	560536
			FCM, FCM*, IC/FCM	RUO	PE	0.1 mg	553262					
			30-F1	Rat IgG _{2c} , κ	FCM	RUO	Biotin	0.5 mg	555296			
			ML5	Mouse IgG _{2a} , κ	FCM, IHC(Fr)	RUO	Purified	0.1 mg	555426			
					FCM	RUO	FITC	100 tests	555427			
			FCM	RUO	PE	100 tests	555428					
		Rat	HIS50	Mouse IgM, κ	FCM, IHC(Fr), WB, IF	RUO	Purified	0.1 mg	551133			
		CD29 (Integrin β ₁ chain)	EMB, NEU, END, MES+, A-D	Chick, Dog, Hu, Ms, Rat	18	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610467	
							IF, IHC, IP, WB	RUO	Purified	150 µg	610468	
Hu	MAR4						Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	555442
								FCM	RUO	APC	100 tests	559883
								FCM	RUO	PE	50 tests	557332
								FCM	RUO	PE	100 tests	555443
HUTS-21	Mouse IgG _{2a} , κ			FCM	RUO	PE-Cy5	100 tests	559882				
				FCM	RUO	NA/LE	0.5 mg	556047				
FCM	RUO			Purified	0.1 mg	556048						
							FCM	RUO	PE	100 tests	556049	
mAb13	Rat IgG _{2a} , κ			FCM	RUO	Purified	0.1 mg	552828				
Ms	9EG7			Rat IgG _{2a} , κ	FCM, IP, WB	RUO	Purified	0.5 mg	553715			
					IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550531			
HMβ 1-1	Ar Ham IgG2, λ			Block, FCM, IP	IHC(Fr)	RUO	Purified	0.5 mg	553837			
					IHC(Fr)	RUO	Purified	1 mL	550530			
KM16	Rat IgG _{2a} , κ			FCM, IP, WB	RUO	Purified	0.1 mg	558741				
Pig	NaM160-1A3			Mouse IgG ₁ , κ	FCM, IF, IHC(Fr), IP, WB	RUO	Purified	0.1 mg	552369			
					Rat	Ha2/5	Ar Ham IgM, κ	Block, FCM	RUO	NA/LE	0.5 mg	555002
FCM	RUO	Biotin	0.5 mg	555004								
FCM	RUO	FITC	0.5 mg	555005								
FCM, IP	RUO	Purified	0.5 mg	555003								
CD30	EMB	Hu	Ber-H83	Mouse IgG ₁ , κ	FCM	RUO	Biotin	0.5 mg	555828			
					FCM	RUO(GMP)	FITC	50 tests	341644			
					FCM	RUO	FITC	100 tests	555829			
					FCM	RUO(GMP)	PE	50 tests	341645			
					FCM	RUO	PE	100 tests	550041			
					FCM, IHC(F), IHC(Fr)	RUO	Purified	0.5 mg	555827			
					Ms	mCD30.1	Ar Ham IgG1, κ	FCM	RUO	Biotin	0.5 mg	553824
								FCM, FCM*, IC/FCM	RUO	PE	0.2 mg	553825

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.					
CD31 (PCAM-1)	HMB, END, MSP, HSM, MES-	Hu	L133.1	Mouse IgG ₁ , κ	FCM	RUO(GMP)	PE	50 tests	340297					
			M89D3	Mouse IgG _{2a} , κ	FCM	RUO	Alexa Fluor® 488	100 tests	558068					
					FCM	RUO	Alexa Fluor® 647	0.1 mg	558094					
			WM59	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	555444					
					FCM	RUO	FITC	50 tests	557508					
					FCM	RUO	FITC	100 tests	555445					
					FCM	RUO	PE	100 tests	555446					
					IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550389					
			Ms	390	Rat IgG _{2a} , κ	Block, FCM	RUO	NA/LE	0.5 mg	553708				
						FCM	RUO	Biotin	0.1 mg	558737				
						FCM	RUO	FITC	0.1 mg	558738				
						FCM, IP	RUO	Purified	0.1 mg	558736				
		Block, FCM				RUO	NA/LE	0.5 mg	553369					
		FCM				RUO	Biotin	0.5 mg	553371					
		Rat IgG _{2a} , κ			FCM	RUO	APC	0.1 mg	551262					
					FCM	RUO	FITC	0.5 mg	553372					
					FCM	RUO	PE	0.2 mg	553373					
					FCM, IP	RUO	Purified	0.1 mg	557355					
					FCM, IP	RUO	Purified	0.5 mg	553370					
					IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550274					
		Rat	TLD-3A12	Mouse IgG ₁ , κ	Block, FCM	RUO	NA/LE	0.5 mg	555024					
					ELISA, FCM, IP	RUO	Purified	0.5 mg	555025					
					FCM	RUO	Biotin	0.5 mg	555026					
					FCM	RUO	PE	0.1 mg	555027					
					IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550300					
				CD34	HEM, END, MSP, HSM, MES-, A-D	Dog	1H6	IgG ₁ , κ	FCM	RUO	PE	0.1 mg	559369	
							Hu	2E9	IgG ₁ , κ	FCM	RUO	Biotin	0.1 mg	550427
								8G12	Mouse IgG ₁ , κ	FCM	RUO(GMP)	Purified	100 tests	348050
						FCM				RUO(GMP)	APC	100 tests	340441	
						FCM				RUO(GMP)	FITC	100 tests	348053	
						FCM				RUO	PE	50 tests	550619	
		FCM	RUO(GMP)			PE				100 tests	348057			
FCM	RUO(GMP)	PE-Cy7	100 tests			348791								
563	Mouse IgG ₁ , κ	FCM	RUO(GMP)			PerCP			50 tests	340430				
		FCM	RUO(GMP)			PerCP-Cy5.5			50 tests	347203				
		FCM	RUO			Purified			0.1 mg	550760				
		FCM	RUO			PE			100 tests	550761				
		581	Mouse IgG ₁ , κ			FCM			RUO	APC	100 tests	555824		
						FCM, IHC(F), IHC(Fr)			RUO	Purified	0.1 mg	555820		
Ms	My10	Rat IgG _{2a} , κ	FCM			RUO		FITC	100 tests	555821				
			FCM			RUO		PE	100 tests	555822				
			FCM			RUO		PE-Cy5	100 tests	555823				
			IHC(Fr), IHC(F)*			RUO		Purified	1 mL	550390				
			FCM			RUO(GMP)		Purified	100 tests	347660				
			FCM			RUO	Purified	0.5 mg	553731					
			FCM			RUO	Alexa Fluor® 647	0.1 mg	560230					
			FCM	RUO	Alexa Fluor® 647	25 µg	560233							
			FCM	RUO	Alexa Fluor® 700	0.05 mg	560518							
CD41 (Integrin α ^{IIb} chain)	HEM, MSP	Ms	MWReg30	Rat IgG ₁ , κ	FCM	RUO	Purified	0.5 mg	553847					
					FCM	RUO	FITC	0.5 mg	553848					
					FCM	RUO	PE	0.1 mg	558040					

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
CD44 (Pgp-1, H-CAM, Ly-24)	OLG, HEM, MES+, A-D	Hu	515	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	550988			
					FCM	RUO	PE	100 tests	550989			
					FCM	RUO	Purified	0.1 mg	555476			
			G44-26	Mouse IgG _{2b} , κ	FCM	RUO	Biotin	100 tests	555477			
					FCM	RUO	APC	100 tests	559942			
					FCM	RUO	APC-H7	50 tests	560532			
					FCM	RUO	FITC	100 tests	555478			
					FCM	RUO	PE	100 tests	555479			
					FCM	RUO	PE-Cy7	50 tests	560533			
					FCM	RUO	PerCP-Cy5.5	50 tests	560531			
					IHC(Fr), IHC(F)*	RUO	Purified	1 mL	550392			
					L178	Mouse IgG ₁ , κ	FCM	RUO	NA/LE	0.5 mg	550990	
							FCM	RUO(GMP)	FITC	100 tests	347943	
							FCM, IHC(F)	RUO	Purified	0.2 mg	559046	
					Ms	IM7	Rat IgG _{2b} , κ	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				Alexa Fluor® 700	50 µg	560567		
			FCM	RUO				APC	0.1 mg	559250		
			FCM	RUO				APC-Cy7	50 µg	560568		
			FCM	RUO				BD Horizon V450	25 µg	560452		
		FCM	RUO	BD Horizon V450				0.1 mg	560451			
		FCM	RUO	BD Horizon V500				25 µg	560781			
		FCM	RUO	BD Horizon V500				0.1 mg	560780			
		FCM	RUO	FITC				0.5 mg	553133			
		FCM	RUO	PE				0.1 mg	553134			
		FCM	RUO	PE-Cy5				0.1 mg	553135			
		FCM	RUO	PE-Cy7				50 µg	560569			
		FCM	RUO	PerCP-Cy5.5				50 µg	560570			
		IHC(F)*, IHC(Fr), IHC(Zn)	RUO	Purified				1 mL	550538			
		KM114	Rat IgG ₁ , κ	Block, FCM				RUO	NA/LE	0.5 mg	553724	
				FCM, IP, WB				RUO	Purified	0.1 mg	558739	
		CD44H (Pgp-1, H-CAM)	OLG, HEP	Rat	OX-49	Mouse IgG _{2a} , κ	FCM	RUO	FITC	0.1 mg	550974	
FCM, IHC(F), IHC(Fr), IHC(Zn), IP	RUO						Purified	0.5 mg	554869			
CD45/CD34 combination	HEM, END, MSP, HSM, MES-, A-D	Hu	2D1, 8G12	Mouse IgG ₁ , κ	FCM	RUO(GMP)	FITC, PE	50 tests	341071			
CD49d (Integrin α4 chain)	NC, END, A-D	Bab, Rhe, Cyno	9F10	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	556634			
					FCM	RUO	PE	50 tests	556635			
					Hu	L25	Mouse IgG _{2b} , κ	FCM	RUO(GMP)	PE	50 tests	340296
								FCM, IHC	RUO(GMP)	Purified	200 µg	340976
								FCM	RUO	NA/LE	0.5 mg	555501
					Ms	9F10	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	555502
		FCM	RUO	APC				100 tests	559881			
		FCM	RUO	PE				100 tests	555503			
		FCM	RUO	PE-Cy5				100 tests	559880			
		9C10 (MRF4.B)	Rat IgG _{2a} , κ	Block, FCM				RUO	NA/LE	0.5 mg	553313	
				FCM				RUO	Biotin	0.1 mg	557419	
				FCM				RUO	PE	0.1 mg	557420	
		R1-2	Rat IgG _{2b} , κ	FCM, IHC(Fr)				RUO	Purified	0.5 mg	553314	
				Block, FCM				RUO	NA/LE	0.5 mg	553153	
				FCM	RUO	Biotin	0.1 mg	557406				
				FCM	RUO	FITC	0.5 mg	553156				
				FCM	RUO	PE	0.2 mg	553157				
				FCM, IF, IP	RUO	Purified	0.5 mg	553154				
		Rat	MRα 4-1	Mouse IgG _{2a} , κ	FCM	RUO	FITC	0.1 mg	557457			
					FCM, IP	RUO	Purified	0.5 mg	553348			

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.				
CD49e	END, A-D	Hu	1	Mouse IgG _{2a}	IF, IP, WB	RUO	Purified	50 µg	610633				
					IF, IP, WB	RUO	Purified	150 µg	610634				
					IIA1	Mouse IgG ₁ , κ	FCM	RUO	NA/LE	0.5 mg	555614		
							FCM	RUO	Purified	0.1 mg	555615		
							FCM	RUO	Biotin	100 tests	555616		
							FCM	RUO	PE	100 tests	555617		
			VC5	Mouse IgG ₁ , κ	FCM	RUO	NA/LE	0.5 mg	555650				
					FCM	RUO	Purified	0.1 mg	555651				
			Ms	5H10-27	Rat IgG _{2a} , κ	Block, Cost, FCM	RUO	NA/LE	0.5 mg	553318			
						Cost, FCM, IF, IHC(Fr)	RUO	Purified	0.5 mg	553319			
						FCM	RUO	Biotin	0.1 mg	557446			
						FCM	RUO	PE	0.1 mg	557447			
						Ms, Rat	HMα 5-1	Ar Ham IgG1, κ	FCM, IP	RUO	Purified	0.5 mg	553350
CD49f	EMB, NEU, PAN, HEP, END	Hu	GoH3	Rat IgG _{2a} , κ	FCM	RUO	FITC	100 tests	555735				
					FCM	RUO	PE	100 tests	555736				
					FCM	RUO	PE-Cy5	100 tests	551129				
					FCM, IHC(Fr), IP	RUO	Purified	0.1 mg	555734				
CD54 (ICAM-1)	NEU, END, A-D	Hu	28	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611704				
					IF, WB	RUO	Purified	150 µg	611705				
					HA58	Mouse IgG ₁ , 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 _{2b} , κ	FA, FCM, IHC(Fr), IP	RUO	Purified	0.2 mg	559047		
							FCM	RUO(GMP)	PE	100 tests	347977		
			Ms	3E2	Ar Ham IgG1, κ	Block, FCM	RUO	NA/LE	0.5 mg	553249			
						FCM	RUO	Purified	0.5 mg	553250			
						FCM	RUO	FITC	0.5 mg	553252			
						FCM, FCM*, IC/FCM	RUO	PE	0.2 mg	553253			
						FCM, IF	RUO	Biotin	0.5 mg	553251			
						IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550287			
						Rat	1A29	Mouse IgG ₁ , κ	Block, FCM	RUO	NA/LE	0.5 mg	554966
									FCM	RUO	Biotin	0.5 mg	554968
									FCM	RUO	FITC	0.5 mg	554969
									FCM	RUO	PE	0.2 mg	554970
			FCM, IHC(F)*, IHC(Fr), IHC(Zn), IP	RUO	Purified	0.5 mg	554967						
			IHC(Fr), IHC(Zn), IHC(F)*	RUO	Purified	1 mL	550302						

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.	
CD56 (N-CAM)	HEM, NEU, END	Hu	B159	Mouse IgG ₁ , 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	Purified	0.2 mg	559049	
					FCM	RUO(GMP)	Purified	100 tests	347740	
					FCM	RUO(GMP)	PE	100 tests	347747	
					FCM	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				
		Ms	12F8	Rat IgM	WB, IHC(Fr)	RUO	Purified	0.1 mg	556325	
			12F11	Rat IgG _{2a}	IHC, IHC(F), IHC(Fr), WB	RUO	Purified	0.1 mg	556323	
		Ms, Rat	N-CAM 13	Mouse IgG _{2a}	WB	RUO	Purified	0.1 mg	556324	
CD57 (HNK-1)	NC	Hu	HNK-1	Mouse IgM, κ	FCM	RUO	Purified	0.2 mg	559048	
					FCM	RUO(GMP)	Purified	100 tests	347390	
					FCM	RUO(GMP)	Biotin	100 tests	347391	
					FCM	RUO(GMP)	FITC	100 tests	347393	
				NK-1	Mouse IgM, κ	FCM	RUO	Purified	0.1 mg	555618
						FCM	RUO	FITC	100 tests	555619
CD59	HEM, A-D	Hu	p282 (H19)	Mouse IgG _{2a} , κ	FCM	RUO	Biotin	100 tests	555762	
					FCM	RUO	FITC	100 tests	555763	
					FCM	RUO	PE	50 tests	557141	
					FCM	RUO	PE	100 tests	555764	
						FCM, IF	RUO	Purified	0.1 mg	555761
				Rat	TH9	Mouse IgG ₁ , κ	FCM	RUO	FITC	0.1 mg
CD66 (CEA, carcinoembryonic antigen)	MSP	Hu	B1.1/CD66	Mouse IgG _{2a} , κ	FCM	RUO	Purified	0.1 mg	551354	
					FCM	RUO	FITC	100 tests	551479	
					FCM	RUO	PE	100 tests	551480	
					FCM	RUO	Purified	0.1 mg	551477	
CD66c	MSP	Hu	B6.2/CD66c	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	551355	
					FCM	RUO	FITC	100 tests	551775	
					FCM	RUO	PE	100 tests	551478	

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
CD71 (Transferrin Receptor)	MES+	Hu	2	Mouse IgG ₁	WB	RUO	Purified	50 µg	612124			
					WB	RUO	Purified	150 µg	612125			
					L01.1	Mouse IgG _{2a} κ	FCM	RUO(GMP)	Purified	100 tests	347510	
			M-A712	Mouse IgG _{2a} κ	FCM	RUO(GMP)	APC	100 tests	341028			
					FCM	RUO(GMP)	FITC	100 tests	347513			
					FCM	RUO	Biotin	100 tests	555535			
					FCM	RUO	APC	100 tests	551374			
					FCM	RUO	FITC	100 tests	555536			
					FCM	RUO	PE	100 tests	555537			
					FCM	RUO	PE-Cy5	100 tests	551143			
					FCM, IHC(Fr)	RUO	Purified	0.1 mg	555534			
					Ms	C2	Rat IgG ₁ κ	FCM	RUO	Biotin	0.1 mg	557416
					FCM		RUO	FITC	0.5 mg	553266		
			FCM	RUO	PE		0.1 mg	553267				
			Rat	OX-26	Mouse IgG _{2a} κ	FCM, IF, IHC(Fr)	RUO	Purified	0.5 mg	553264		
						FCM	RUO	FITC	0.5 mg	554890		
FCM, IHC(Fr), IP	RUO	Purified				0.5 mg	554889					
CD73	MES+, A-D	Hu	AD2	Mouse IgG ₁ κ	FCM	RUO	Purified	0.1 mg	550256			
					FCM	RUO	APC	100 tests	560847			
					FCM	RUO	PE	100 tests	550257			
			Ms	TY/23	Rat IgG _{2a} κ	FCM	RUO	PE	0.1 mg	550741		
						FCM, IHC(Fr), IHC(Zn)	RUO	Purified	0.1 mg	550738		
						Rat	5F/B9	Mouse IgG ₁ κ	FCM, IF, IHC(Fr), IHC(Zn), IP	RUO	Purified	0.1 mg
FCM	RUO	Purified	0.1 mg	551123								
CD79a (Igα, mb-1)	MES-	Hu	HM47	Mouse IgG ₁ κ	FCM	RUO(GMP)	APC	100 tests	340578			
					FCM	RUO(GMP)	PE	50 tests	340579			
					FCM	RUO(GMP)	PerCP-Cy5.5	50 tests	341643			
					IC/FCM	RUO	Purified	0.1 mg	555934			
					IC/FCM	RUO	PE	100 tests	555935			
					IC/FCM	RUO	APC	100 tests	551134			
CD81 (TAPA-1)	NEU, NRN	Hu	JS-81	Mouse IgG ₁ κ	FCM	RUO	Purified	0.1 mg	555675			
					FCM	RUO	APC	100 tests	551112			
					FCM	RUO	FITC	100 tests	551108			
			Ms, Rat	Eat2	Ar Ham IgG1, κ	FCM	RUO	PE	100 tests	555676		
						FCM	RUO	Biotin	0.5 mg	559518		
						FCM	RUO	PE	0.1 mg	559519		
CD90 (Thy-1)	NRN, HEP, HEM, MES+, A-D	Hu	5E10	Mouse IgG ₁ κ	FCM	RUO	NA/LE	0.5 mg	555592			
					FCM	RUO	Biotin	0.1 mg	555594			
					FCM	RUO	APC	0.1 mg	559869			
					FCM	RUO	FITC	0.1 mg	555595			
					FCM	RUO	PE	0.1 mg	555596			
					FCM	RUO	PE-Cy5	0.1 mg	555597			
					FCM, IHC(Fr)	RUO	Purified	0.1 mg	555593			
			Ms	G7	Rat IgG _{2a} κ	IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550402		
						Cost, FCM	RUO	NA/LE	0.5 mg	553015		
						FCM, IHC(Fr), IHC(Zn)	RUO	Purified	0.5 mg	553016		

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.																						
CD90.1 (Thy-1.1)	NRN, HEM	Ms, Rat	OX-7	Mouse IgG ₁ , κ	Cost, EM, FCM, IHC(Fr), IHC(Zn), IP, WB	RUO	Purified	0.5 mg	554895																						
					FCM	RUO	Biotin	0.5 mg	554896																						
					FCM	RUO	FITC	0.5 mg	554897																						
					FCM	RUO	PE	0.1 mg	551401																						
					FCM	RUO	PE	0.2 mg	554898																						
		Rat	HIS51	Mouse IgG _{2a} , κ	FCM	RUO	PerCP	0.1 mg	557266																						
					FCM	RUO	Biotin	0.5 mg	554893																						
					FCM	RUO	FITC	0.5 mg	554894																						
					FCM, IHC(F), IHC(Fr), IHC(Zn)	RUO	Purified	0.5 mg	554892																						
CD90.2 (Thy1.2)	NRN	Ms	30-H12	Rat IgG _{2b} , κ	Cost, Cyt, FCM	RUO	NA/LE	0.5 mg	553008																						
					Cyt, FCM	RUO	Purified	0.5 mg	553009																						
					FCM	RUO	FITC	0.1 mg	553012																						
					FCM	RUO	FITC	0.5 mg	553013																						
					FCM	RUO	PE	0.1 mg	553014																						
			53-2.1	Rat IgG _{2a} , κ	FCM, Sep	RUO	Biotin	0.5 mg	553011																						
					Cyt, EM, FCM, IP	RUO	Purified	0.5 mg	553000																						
					FCM	RUO	Biotin	0.1 mg	553001																						
					FCM	RUO	Biotin	0.5 mg	553002																						
					FCM	RUO	APC	0.1 mg	553007																						
		FCM	RUO	FITC	0.1 mg	553003	FCM	RUO	PE	0.1 mg	553005																				
												FCM	RUO	PE	0.2 mg	553006															
																	IHC(Fr)	RUO	Purified	1 mL	550543										
																						CD91	HEM, MSP	Hu	A2MR- 2	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	550495
																											FCM	RUO	FITC	100 tests	550496
																											FCM	RUO	PE	100 tests	550497
																						CDw93 (C1qRp)	HEM, END	Hu	R139	Mouse IgG _{2b} , κ	FA, FCM, IP, Neu, WBRUO	NA/LE	0.5 mg	552954	
																											FCM	RUO	FITC	0.1 mg	551531
																											FCM, IF, IP, Neu, WB	RUO	Purified	0.1 mg	551087
R3	Mouse IgM, κ	FCM, IP, WB	RUO	Purified	0.1 mg	551454																									
CD95 (Fas, Apo-1)	NEU	Bab, Cyno, Rhe	DX2	Mouse IgG ₁ , κ	FCM	RUO	FITC	50 tests	556640																						
					FCM	RUO	PE	50 tests	556641																						
		Chick, Dog, Hu, Ms, Rat	13	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610197																						
					IF, IHC, IP, WB	RUO	Purified	150 µg	610198																						
					Hu	DX2	Mouse IgG ₁ , κ	FA, FCM	RUO	NA/LE	0.5 mg	555670																			
		FCM	RUO	Biotin				100 tests	555672																						
		FCM	RUO	APC				100 tests	558814																						
		FCM	RUO (GMP)APC	100 tests				340481																							
		FCM	RUO (GMP)FITC	50 tests				340479																							
		FCM	RUO	FITC				100 tests	555673																						
		FCM	RUO (GMP)PE	50 tests				340480																							
		EOS9.1	G254-274	Mouse IgM, κ	FCM, FA	RUO	Purified	0.1 mg	550042																						
										Ms	Jo2	Ar Ham IgG2, λ2	FCM, IF	RUO	Purified	0.1 mg	556370														
													FA, FCM, IP	RUO	NA/LE	0.5 mg	554254														
													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														
		FCM, IP	RUO	Purified	500 µg	554255																									

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.					
CD102	ENDO	Hu	CBR-1C2/2.1	Mouse IgG _{2a} , κ	FCM	RUO	PE	100 tests	558080					
					3C4 (mIC2/4)	Rat IgG _{2a} , κ	Block, FCM	RUO	NA/LE	0.5 mg	553325			
						FCM	RUO	Biotin	0.1 mg	557441				
						FCM	RUO	FITC	0.1 mg	557444				
						FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	553326				
CD105	HEM, END, MES+, A-D	Hu	35	Mouse IgG ₁ , κ	IF, WB	RUO	Purified	50 µg	611314					
					IF, WB	RUO	Purified	150 µg	611315					
					IHC(F), IHC(Fr), IHC(Zn), IP	RUO	Purified	0.1 mg	555690					
					FCM	RUO	PE	100 tests	560839					
			266	Mouse IgG ₁	FCM	RUO	PerCP-Cy5.5	100 tests	560819					
					Ms	MJ7/18	Rat IgG _{2a} , κ	IHC(Fr)	RUO	Purified	1 mL	550546		
								CD106 (VCAM-1)	HEM, END, MES+, HSM	Hu	51-10C9	Mouse IgG ₁ , κ	FCM	RUO
					FCM	RUO	APC						100 tests	551147
FCM	RUO	FITC	100 tests	551146										
FCM	RUO	PE	100 tests	555647										
Ms	429 (MVCAM.A)	Rat IgG _{2a} , κ	FCM	RUO	PE-Cy5	100 tests	551148							
			FCM	RUO	NA/LE	0.5 mg	553329							
			FCM	RUO	Purified	0.5 mg	553330							
			FCM	RUO	Biotin	0.5 mg	553331							
			FCM	RUO	FITC	0.5 mg	553332							
			Rat	MR106	Mouse IgG ₁ , κ	FCM	RUO	PE	0.1 mg	559229				
						FCM, IHC(Fr), IP, WB	RUO	Purified	0.5 mg	559165				
			CD109	END, HEM, MSP	Hu	TEA 2/16	Mouse IgG ₁ , κ	FCM	RUO	PE	100 tests	556040		
FCM, IHC(Fr)	RUO	Purified						0.1 mg	556039					
CD112	END, NRN	Hu	R2.525	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	551056					
					FCM	RUO	PE	100 tests	551057					
CD114 (G-CSF Receptor)	HEM	Hu	LMM741	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.5 mg	554536					
					FCM	RUO	PE	0.2 mg	554538					
CD115	HEM, MSP	Hu	AFS-10-6-1	Rat IgG _{2a}	WB	RUO	Purified	0.1 mg	556385					
CD116 (GM-CSF Receptor)	END, HEM, MSP	Hu	hGMCSFR-M1	Mouse IgG ₁ , κ	FCM	RUO	PE	0.2 mg	551373					
					MSD12	Mouse IgM, κ	FCM	RUO	FITC	0.2 mg	554532			
CD117 (c-kit)	HEM, END, MSP, HSM, MES+, A-D	Hu	28	Mouse IgG _{2a} , κ	WB	RUO	Purified	50 µg	612318					
					104D2	Mouse IgG ₁ , κ	FCM	RUO(GMP) APC	100 tests	341096				
							FCM	RUO(GMP) PE	50 tests	332785				
							FCM	RUO(GMP) PE	50 tests	340529				
							FCM	RUO(GMP) PE-Cy7	100 tests	339195				
			FCM	RUO(GMP) PerCP-Cy5.5			50 tests	333944						
			YB5.B8	Mouse IgG ₁ , κ	FCM	RUO	APC	0.1 mg	550412					
					FCM	RUO	PE	0.1 mg	555714					
					FCM	RUO	PE-Cy5	0.1 mg	559879					
					FCM, IF	RUO	Purified	0.1 mg	555713					
	HEM, END, MSP, HSM, MES+	Ms			2B8	Rat IgG _{2b} , κ	FCM, IP	RUO	Purified	0.5 mg	553352			
			FCM	RUO			Biotin	0.5 mg	553353					
			FCM	RUO			APC	0.1 mg	553356					
			FCM	RUO			BD Horizon V450	50 µg	560558					
			FCM	RUO			FITC	0.5 mg	553354					
			ACK45	Rat IgG _{2b} , κ	Block, FCM, IC/FCM Block	FCM	RUO	PE	0.2 mg	553355				
						FCM	RUO	PE-Cy7	0.1 mg	558163				
						FCM	RUO	PerCP-Cy5.5	50 µg	560557				
						FCM	RUO	NA/LE	0.5 mg	553867				
						FCM	RUO	Purified	0.5 mg	553868				
FCM	RUO	PE	0.2 mg	553869										

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
CD119 (IFN- γ Receptor α) TGF		Hu	GIR-94	Mouse IgG _{2b} , κ	FCM	RUO	Purified	0.5 mg	558935		
					FCM	RUO	PE	0.2 mg	558937		
			GR20	Rat IgG _{2a} , κ	FCM	RUO	Biotin	0.1 mg	558771		
		Ms	200	Ar Ham IgG1, κ	FCM	RUO	Purified	0.5 mg	559911		
					FCM	RUO	Biotin	0.5 mg	550482		
			GIR-208	Mouse IgG ₁ , κ	FCM	RUO	PE	0.2 mg	558934		
					Neu	RUO	NA/LE	0.25 mg	557531		
CD120a	END, MES+	Hu	MABTNFR1-A1	Mouse IgG ₁	ELISA Cap.	RUO	Purified	0.5 mg	552535		
					ELISA Det., FCM	RUO	Biotin	0.5 mg	552536		
			MABTNFR1-B1	Mouse IgG _{2a} , κ	FCM	RUO	Purified	0.5 mg	550514		
		Ms	55R-170	Ar Ham IgG1, κ	FCM	RUO	Biotin	0.5 mg	550900		
					Block	RUO	NA/LE	0.25 mg	557535		
			55R-286	Ar Ham IgG1, κ	ELISA Cap., FCM	RUO	Purified	0.5 mg	559915		
CD120b	END, MES+	Hu	hTNFR-M1	Rat IgG _{2a} , κ	ELISA Det., FCM	RUO	Biotin	0.5 mg	552477		
					FCM	RUO	Purified	0.5 mg	551311		
					FCM	RUO	PE	100 tests	552418		
		Ms	TR75-54	Ar Ham IgG1, λ 3	Block	RUO	NA/LE	0.25 mg	557534		
					FCM	RUO	Purified	0.5 mg	559916		
			TR75-89	Ar Ham IgG1, λ 3	FCM	RUO	Biotin	0.5 mg	550476		
						FCM	RUO	PE	0.2 mg	550086	
		CD124 (IL-4 Receptor α)	END, MSP	Hu	hIL4R-M8.2.2	Rat IgG ₁ , κ	ELISA Det.	RUO	Biotin	0.5 mg	552473
							ELISA Cap.	RUO	Purified	0.5 mg	552472
hIL4R-M10.0	Rat IgG _{2a} , κ				FCM	RUO	Purified	0.1 mg	551894		
hIL4R-M57	Mouse IgG ₁ , κ				FCM	RUO	Biotin	100 tests	552120		
					FCM	RUO	PE	100 tests	552178		
Ms	mIL4R-M1			Rat IgG _{2a} , κ	Neu	RUO	NA/LE	0.5 mg	552288		
					FCM	RUO	Purified	0.1 mg	551853		
	mIL4R-M2			Rat IgG _{2a} , κ	FCM	RUO	Biotin	0.1 mg	552508		
					FCM	RUO	PE	0.1 mg	552509		
					ELISA Cap.	RUO	Purified	0.5 mg	552952		
CD127 (IL-7 Receptor α)	HEM, MSP	Hu	hIL-7R-M21	Mouse IgG ₁ , κ	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	PE	0.1 mg	557938		
					FCM	RUO	PerCP-Cy5.5	50 tests	560551		
		Ms	B12-1	Rat IgG _{2a} , λ	FCM	RUO	Biotin	0.5 mg	555288		
					FCM	RUO	NA/LE	0.5 mg	550426		
			SB/14	Rat IgG _{2a} , κ	FCM	RUO	PE	0.2 mg	552543		
					FCM	RUO	PE-Cy7	50 μ g	560733		
			CD130 (gp130)	EMB	Hu	AM64	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg
FCM	RUO	PE						100 tests	555757		
D2	Mouse IgG ₁ , κ	ELISA Det.				RUO	Biotin	0.5 mg	552403		

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.								
CD138 (Syndecan-1)	HEM	Hu	281-2	Rat IgG _{2a} , κ	ELISA, FCM, IHC(F), IHC(Fr), WB	RUO	Purified	0.5 mg	553712								
					FCM	RUO	APC	0.1 mg	558626								
					FCM	RUO	PE	0.2 mg	553714								
					FCM, IF	RUO	Biotin	0.5 mg	553713								
			DL-101	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	550804								
					FCM	RUO	PE	100 tests	550805								
			MI15	Mouse IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	551902								
					FCM	RUO(GMP)	APC	100 tests	347193								
					FCM	RUO(GMP)	FITC	50 tests	347191								
					FCM	RUO	FITC	100 tests	552723								
					FCM	RUO(GMP)	PE	50 tests	347192								
					FCM	RUO	PE	100 tests	552026								
			CD140a	OLG	Hu	α R1	Mouse IgG _{2a} , κ	FCM	RUO	PE	100 tests	556002					
								FCM, IF	RUO	Purified	0.1 mg	556001					
APA5	Rat IgG _{2a} , κ	FCM				RUO	Purified	0.1 mg	558774								
		FCM				RUO	Purified	0.1 mg	558774								
CD144 (VE-Cadherin)	HMB, END	Hu				55-7H1	Mouse IgG ₁ , κ	FCM	RUO	FITC	100 tests	560411					
								IHC	RUO	Purified	0.1 mg	555661					
						11D4.1	Rat IgG _{2a} , κ	FCM	RUO	Purified	0.5 mg	555289					
								IHC(Fr)	RUO	Purified	1 mL	550548					
CD146 (MCAM)	NEU, END, A-D	Hu				1	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611208					
								FCM	RUO	Purified	0.1 mg	550314					
						P1H12	Mouse IgG ₁ , κ	FCM	RUO	FITC	100 tests	560846					
								FCM	RUO	PE	100 tests	550315					
								CD152 (CTLA-4)	END, MSP	Bab, Rhe, Cyno	BNI3	Mouse IgG _{2a} , κ	FCM	RUO	PE	50 tests	557301
													Hu	BNI3	Mouse IgG _{2a} , κ	FA, FCM	RUO
FCM	RUO	Biotin	100 tests	555852													
FCM	RUO	APC	100 tests	555855													
FCM	RUO	PE	100 tests	555853													
Ms	9H10	Syr Ham IgG ₂ , κ	FCM	RUO	PE-Cy5	100 tests	555854										
			FCM, IHC(Fr)	RUO	Purified	0.1 mg	555851										
			IHC(Fr)	RUO	Purified	1 mL	550405										
			UC10-4F10-11	Ar Ham IgG1, κ	Ar Ham IgG1, κ	FCM	RUO	NA/LE	0.5 mg	555278							
FCM, IC/FCM	RUO	Purified				0.5 mg	555279										
FCM	RUO	NA/LE				0.5 mg	553718										
FCM	RUO	Purified				0.5 mg	553719										
BP-3	Mouse IgG _{2a} , κ	BP-3	Mouse IgG _{2a} , κ	FCM, IC/FCM	RUO	PE	0.1 mg	553720									
				FCM	RUO	PE	0.1 mg	552545									
CD157	END, MSP	Ms	BP-3	Mouse IgG _{2a} , κ	FCM	RUO	Purified	0.1 mg	552545								
					FCM	RUO	PE	0.1 mg	552814								
					FCM	RUO	PE	0.1 mg	552814								
CD164	HEM	Hu	N6B6	Mouse IgG _{2a} , κ	FCM	RUO	Purified	0.1 mg	551296								
					FCM	RUO	FITC	100 tests	551297								
					FCM	RUO	PE	100 tests	551298								
CD166	MES+, A-D	Hu	3A6	Mouse IgG ₁ , κ	FCM	RUO	PE	100 tests	559263								
					FCM, IHC(Fr)	RUO	Purified	0.1 mg	559260								

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.			
CD184 (CXCR4, Fusin)	NEU, DE, HEM, END	Hu	1D9	Rat IgG _{2a'} , κ	FCM	RUO	Purified	0.1 mg	551413			
					FCM	RUO	PE	0.2 mg	551510			
					Hu, NHP	12G5	Mouse IgG _{2a'} , κ	FA, FCM	RUO	NA/LE	0.5 mg	555971
								FCM	RUO	Purified	0.1 mg	555972
								FCM	RUO	Biotin	100 tests	555973
								FCM	RUO	APC	100 tests	555976
								FCM	RUO	PE	50 tests	557145
		Ms	2B11/CXCR4	Rat IgG _{2b}	FCM	RUO	PE	100 tests	555974			
					FCM	RUO	PE-Cy5	100 tests	555975			
					FCM	RUO	PE-Cy7	50 tests	560669			
					FCM	RUO	PerCP-Cy5.5	50 tests	560670			
					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	PE	0.1 mg	551966								
CD192 (CCR2)	END, MSP	Hu	48607	Mouse IgG _{2b'} , κ	FCM	RUO	Alexa Fluor® 647	100 tests	558406			
CD201	HEM, END	Hu	RCR-252	Rat IgG ₁ , κ	FCM	RUO	Purified	0.1 mg	552500			
					FCM	RUO	PE	100 tests	557950			
CD252 (OX-40 Ligand)	END.MSP	Hu	Ik-1	Mouse IgG ₁ , κ	FCM	RUO	PE	0.1 mg	558164			
		Ms	RM134L	Rat IgG _{2b'} , κ	FCM	RUO	Biotin	0.5 mg	559798			
CD271 (NGF Receptor)	NEU, NC, MES+	Hu	C40-1457	Mouse IgG ₁ , κ	FCM	RUO	Biotin	100 tests	557195			
					FCM	RUO	Alexa Fluor® 647	100 tests	560326			
					FCM	RUO	PE	100 tests	557196			
					FCM, IHC(F), IHC(Fr), IF	RUO	Purified	0.1 mg	557194			
CD309 (VEGFR-2/KDR)	HMB, MES+	Hu	89106	Mouse IgG ₁	FCM	RUO	Alexa Fluor® 647	100 tests	560495			
					FCM	RUO	PE	100 tests	560494			
CD318 (CDCP1)	MES+, MSP	Hu	CUB1	Mouse IgG _{2b'} , κ	FCM	RUO	Alexa Fluor® 647	0.1 mg	558212			
CD324 (E-Cadherin)	EMB	Hu, Rat, Dog	34	Mouse IgG _{2b}	IF, IP, WB	RUO	Purified	50 µg	610404			
					IF, IP, WB	RUO	Purified	150 µg	610405			
		Hu, Ms, Rat, Dog	36	Mouse IgG _{2a'} , κ	IF, IHC, IP, WB	RUO	Purified	50 µg	610181			
					IF, IHC, IP, WB	RUO	Purified	150 µg	610182			
		Hu	36	Mouse IgG _{2a'} , κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560061			
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560064			
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560062			
					IF, IHC, IP	RUO	FITC	50 µg	612130			
IF, IHC, IP	RUO	FITC	150 µg	612131								
CD325 (N-Cadherin)	MSP, HSM, MYG	Chick, Hu, Ms, Rat	32	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610920			
					IF, WB	RUO	Purified	150 µg	610921			
CDw338	EMB, NEU, HEM	Hu	5D3	Mouse IgG _{2b'} , κ	FCM	RUO	Purified	0.1 mg	552823			
CDX2	EMB, PGT	Hu, Ms	M39-711	Mouse IgG ₁ , κ	IC/FCM	RUO	Alexa Fluor® 647	50 tests	560395			
					IC/FCM	RUO	Alexa Fluor® 647	100 tests	560258			
					IHC(Fr), WB	RUO	Purified	0.1 mg	560171			
ChAT (Choline Acetyltransferase)	NRN	Rat	Polyclonal	Goat Ig	WB	RUO	Purified	100 µL	552623			
c-Myc	EMB, TGF	Hu	9E10	Mouse IgG ₁	IF, IHC(F), IHC(P), WB	RUO	Purified	50 µg	551101			
					IF, IHC(F), IHC(P), WB	RUO	Purified	150 µg	551102			
Connexin-43	TGF	Chick, Dog, Hu, Ms, Rat	2	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610061			
					IF, WB	RUO	Purified	100 µg	612400			
					IF, WB	RUO	Purified	150 µg	610062			

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
Contactin	NRN	Hu, Ms, Rab, Rat	41	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610578
					IF, WB	RUO	Purified	150 µg	610579
CRABP2	SKP	Hu, Ms	M60-1228	Mouse IgG ₁	IF, WB	RUO	Purified	0.1 mg	560234
C-Raf	EMB	Chick, Dog, Hu, Ms, Rat	53	Mouse IgG ₂	IF, IP, WB	RUO	Purified	50 µg	610151
					IF, IP, WB	RUO	Purified	150 µg	610152
Cytokeratin 7	TRO	Dog, Ham, Hu, Ms, Pig, Rat	RCK105	Mouse IgG ₁	IHC(Fr), WB	RUO	Purified	50 µg	550507
Desmin	MSP, HSM, MYG	Chick, Hu, Ms, Rat	RD301	Mouse IgG _{2b}	IF, WB	RUO	Purified	50 µg	550626
Doublecortin	NRN	Ms	30	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611706
DP-1	TGF	Hu	TFD10	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556462
E2F-1	TGF	Hu, Ms, Rat	KH95/E2F	Mouse IgG _{2a}	IP, WB	RUO	Purified	0.1 mg	554213
E2F-2	TGF	Hu	TFE22	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556525
E2F-3	TGF	Hu	TFE31	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556526
β-Enolase	MSP	Dog, Hu, Rat	3	Mouse IgG _{2a}	IF, WB	RUO	Purified	50 µg	611196
					IF, WB	RUO	Purified	150 µg	611197
ERK	TGF	Chick, Dog, Frog, Hu, Ms, Rat	16	Mouse IgG _{2a}	IF, IHC, IP, WB	RUO	Purified	50 µg	610123
					IF, IHC, IP, WB	RUO	Purified	150 µg	610124
ERK1	TGF	Chick, Dog, Frog, Hu, Ms, Rat	MK1	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610408
			MK12	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610030
		Hu, Ms	G262-118	Mouse IgG _{2b}	IF, IHC, IP, WB	RUO	Purified	150 µg	610031
					WB	RUO	Purified	0.1 mg	554100
ERK1/2 (pT202/pY204)	TGF	Hu, Ms, Rat	20A	Mouse IgG ₁	FCM, IC/FCM	RUO	Alexa Fluor® 488	50 tests	612592
					FCM, IC/FCM	RUO	Alexa Fluor® 647	50 tests	612593
					FCM, IC/FCM	RUO	PE	50 tests	612566
					IF, IC/FCM, WB	RUO	Purified	50 µg	612358
					IF, IC/FCM, WB	RUO	Purified	150 µg	612359
ERK2	TGF	Chick, Dog, Frog, Hu, Ms, Rat	33	Mouse IgG _{2b}	IF, IHC, IP, WB	RUO	Purified	50 µg	610103
					IF, IHC, IP, WB	RUO	Purified	150 µg	610104
		Hu, Ms	G263-7	Mouse IgG ₁ , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558525
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	558526
					IC/FCM	RUO	PE	50 tests	558530
					IP, WB	RUO	Purified	0.1 mg	554095
ERK3	TGF	Chick, Dog, Hu, Ms, Rat	30	Mouse IgM	IF, IP, WB, IHC	RUO	Purified	50 µg	610105
basic FGF	EMB	Chick, Dog, Hu, Ms, Rat	3	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610870
					IF, WB	RUO	Purified	150 µg	610871
			6	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610072
					IF, IHC, IP, WB	RUO	Purified	150 µg	610073
Fibronectin	SKP, B/O	Bov, Chick, Dog, Hu, Ms, Rat	10	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610077
					IF, IHC, IP, WB	RUO	Purified	150 µg	610078
		Hu	2B6-D4	Mouse IgG ₁ , κ	ELISA, IHC(Fr)	RUO	Purified	0.1 mg	555867
Flk-1 (VEGF-R2, Ly-73)	HMB, HEM, END	Ms	Avas 12α1	Rat IgG _{2a} , κ	FCM	RUO	APC	0.1 mg	560070
					FCM	RUO	FITC	0.1 mg	560680
					FCM	RUO	PE	0.1 mg	555308
					FCM	RUO	PerCP-Cy5.5	50 µg	560681
					FCM, WB	RUO	Purified	0.5 mg	555307
GABA BR2	NRN	Ms, Rat	1	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611744
GAD65	NRN	Hu, Ms, Pig, Rat	GAD-6	Mouse IgG _{2a} , κ	IHC(Fr), IP, WB	RUO	Purified	0.1 mg	559931
GAP-43/Neuromodulin	NRN	Hu, Ms, Rat	31	Mouse IgG ₁	WB	RUO	Purified	50 µg	612262
					WB	RUO	Purified	150 µg	612263

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
GATA3	HEM	Hu, Ms	L50-823	Mouse IgG ₁ , κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560077		
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560078		
					Bioimg, IHC(F)*, WB	RUO	Purified	0.1 mg	558686		
					FCM	RUO	BD Horizon V450	50 tests	560641		
					IC/FCM	RUO	Purified	50 tests	560074		
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	560163		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560068		
GATA4	HEM	Hu, Ms	L97-56	Mouse IgG ₁	Bioimg	RUO	Alexa Fluor® 488	100 tests	560332		
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560337		
					FCM	RUO	Alexa Fluor® 488	50 tests	560330		
					FCM	RUO	PE	50 tests	560328		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560400		
					IF, IHC, WB	RUO	Purified	0.1 mg	560327		
					G-CSF	HEM	Hu	BVD11-37G10	Rat IgG _{2a}	ELISA Det., ELISA	RUO
BVD13-3A5	Rat IgG ₁	ELISA Cap., ELISA, WB	RUO	Purified				1 mg	551342		
GFAP	NEU, AST	Chick, Hu, Ms, Rat	52	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610565		
					IF, IHC, IP, WB	RUO	Purified	150 µg	610566		
		Bov, Chick, Dog, G Pig, Hu, Ms, Pig, Rab, Rat, Sheep	1B4	Mouse IgG _{2b}	Bioimg	RUO	Alexa Fluor® 488	100 tests	560297		
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560284		
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560298		
					IF, IHC(F), WB	RUO	Purified	0.5 mg	556328		
		2E01	Mouse IgG _{2b}	IF, IHC(F), WB	RUO	Purified	0.5 mg	556329			
				4A11	Mouse IgG _{2b}	IF, IHC(F), WB	RUO	Purified	0.5 mg	556327	
GFAP Cocktail	NEU, AST	Bov, Chick, Dog, G Pig, Hu, Ms, Pig, Rab, Rat, Sheep	4A11, 1B4, 2E1	Mouse IgG _{2b}	IF, IHC(F), WB	RUO	Purified	0.5 mg	556330		
Glur δ2	NRN	Ms, Rab, Rat	48	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611006		
Glur2	NRN	Dog, Monk, Rat	6C4	Mouse IgG _{2a}	IHC(F), RIA, WB	RUO	Purified	0.1 mg	556341		
Glur5/6/7 (N-Terminal)	NRN	Hu, Monk, Rat	4F5	Mouse IgM	EM, IF, IHC	RUO	Ascites	0.25 mL	556306		
Glutamine Synthetase	NRN	Hu, Rat	6	Mouse IgG _{2a}	IF, IHC, IP, WB	RUO	Purified	50 µg	610517		
					IF, IHC, IP, WB	RUO	Purified	150 µg	610518		
p-Glycoprotein	HEM, NRN	Hu	15D3	Mouse IgG ₁ , κ	FCM	RUO(GMP)	PE	50 tests	340555		
					17F9	Mouse IgG _{2b} , κ	FCM	RUO	FITC	100 tests	557002
					FCM	RUO	PE	100 tests	557003		
					FCM, IP, WB	RUO	Purified	0.1 mg	557001		
gp130 (pS782)	EMB	Hu	6a/gp1330(pS782)	Mouse IgGβ, κ	WB	RUO	Purified	0.1 mg	558096		
GSK-3β	WNT	Chick, Dog, Hu, Ms, Rat	7	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610201		
					IF, IHC, IP, WB	RUO	Purified	150 µg	610202		
GSK-3β (pY216)	WNT	Dog, Hu, Ms, Rat	13a	Mouse IgG ₁	WB	RUO	Purified	50 µg	612312		
					WB	RUO	Purified	150 µg	612313		
HDAC3	WNT	Dog, Hu, Ms, Rat	40	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611124		
					IF, WB	RUO	Purified	150 µg	611125		
HIF-1α	END	Hu	54	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610958		
					IF, WB	RUO	Purified	150 µg	610959		
HNF-1	HEP	Hu, Ms, Rab, Rat	2	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610902		
					IF, WB	RUO	Purified	150 µg	610903		
HNF-1β	PGT, HEP	Ms	25	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	612504		
Id1	TGF	Ms	B30-1	Mouse IgG _{2a}	WB	RUO	Purified	0.1 mg	556522		
Id2	TGF	Ms	B31-1	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556523		
Id3	TGF	Ms	B72-1	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556524		
IFN-γ Receptor β Chain	TGF	Ms	MOB-47	Ar Ham IgG1, κ	FCM, IP, WB	RUO	Purified	0.5 mg	559917		
IGFBP-3	B/O	Hu	4	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611504		

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
IP-10	END	Hu	4D5	Mouse IgG _{2a}	ELISA Cap., ELISA	RUO	Purified	0.5 mg	555046		
			6D4/D6/G2	Mouse IgG _{2a}	ELISA Det., ELISA, FCM	RUO	Biotin	0.5 mg	555048		
					IC/FCM	RUO	PE	0.1 mg	555049		
Jagged1	NRN, NSP	Hu	21	Mouse IgG ₁	WB	RUO	Purified	50 µg	612346		
KDR (CD309, VEGFR2)	HMB, MES+	Hu	89106	Mouse IgG ₁	FCM	RUO	Alexa Fluor® 647	100 tests	560495		
					FCM	RUO	PE	100 tests	560494		
Ki-67	NEU	Hu	35	Mouse IgG ₁	Bioimg, IF, WB	RUO	Purified	50 µg	610968		
					Bioimg, IF, WB	RUO	Purified	150 µg	610969		
					IF	RUO	FITC	50 µg	612472		
			B56	Mouse IgG ₁ , κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	558616		
					Bioimg	RUO	Alexa Fluor® 555	100 tests	558617		
					Bioimg	RUO	Alexa Fluor® 647	100 tests	558615		
					IC/FCM	RUO	Purified	0.1 mg	556003		
					IC/FCM	RUO	FITC Set	100 tests	556026		
					IC/FCM	RUO	PE Set	100 tests	556027		
					IHC(F), IHC(Fr)	RUO	Purified	1 mL	550609		
Lineage Cocktail (CD3e, CD11b, CD45R/B220, Ly6G and Ly-6C, and TER-119)	HEM, MES-	Ms			FCM, Sep	RUO	Biotin	1,000 tests	559971		
Lineage Cocktail, with Isotype Control (CD3e, CD11b, CD45R/B220, Ly6G and Ly-6C, and TER-119)	HEM, MES-	Ms			FCM	RUO	APC	100 tests	558074		
Lineage Cocktail 1 (lin 1) (CD3, CD14, CD16, CD19, CD20, CD56)	HEM, MES-	Hu			FCM	RUO(GMP)	FITC	50 tests	340546		
Ly-6A/E (Sca-1)	NRN, HEM, END, MSP, HSM, MES+	Ms	D7	Rat IgG _{2a} , κ	FCM	RUO	Biotin	0.1 mg	557404		
					FCM	RUO	APC-Cy7	50 µg	560654		
					FCM	RUO	BD Horizon V450	50 µg	560653		
					FCM	RUO	FITC	0.1 mg	557405		
					FCM	RUO	PE	0.2 mg	553108		
					FCM	RUO	PE-Cy7	0.1 mg	558162		
					FCM, IHC(Fr), IP, WB	RUO	Purified	0.1 mg	557403		
					E13-161.7	Rat IgG _{2a} , κ	Cyt, FCM, IHC(Fr), IP	RUO	Purified	0.5 mg	553333
					FCM	RUO	Biotin	0.5 mg	553334		
					FCM	RUO	FITC	0.5 mg	553335		
FCM	RUO	PE	0.2 mg	553336							
MAP2	NRN	Bov, Frog, Hu, Qua, Rat	Ap20	Mouse IgG ₁	IHC(Fr), IP, WB	RUO	Purified	0.1 mg	556320		
MAP2B	NRN	Hu, Ms, Rat	18	Mouse IgG ₁	Bioimg	RUO	Alexa Fluor® 488	100 tests	560398		
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560396		
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560342		
					IC/FCM, WB	RUO	Alexa Fluor® 647	50 tests	560382		
					IF, IHC, IP, WB	RUO	Purified	50 µg	610460		
MASH1	NC	Ms, Rat	24B7.2D11	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	556604		
Mek1	EMB	Chick, Dog, Frog, Hu, Ms, Rat	25/MEK1	Mouse IgG _{2a}	IF, IHC, IP, WB	RUO	Purified	150 µg	610122		
					IF, IHC, IP, WB	RUO	Purified	50 µg	610121		
		Chick	25/MEK1	Mouse IgG _{2a}	IC/FCM	RUO	PE	50 tests	560099		
Mek1 (pS298)	EMB	Hu	J114-64	Mouse IgG ₁ , κ	IC/FCM	RUO	Alexa Fluor® 647	50 tests	560101		
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	560192		
					IC/FCM	RUO	PE	50 tests	560042		
		Hu, Ms	J114-64	Mouse IgG ₁ , κ	WB	RUO	Purified	0.1 mg	558375		
Mek1/2 (pS222)	EMB	Hu	Polyclonal	Rab IgG	IC/FCM	RUO	Purified	50 tests	558281		
Mek2	EMB	Chick, Dog, Frog, Hu, Ms, Rat	96	Mouse IgG _{2a}	IF, IP, WB	RUO	Purified	50 µg	610235		
					IF, IP, WB	RUO	Purified	150 µg	610236		

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
mGluR1	NRN	Ms, Rat	20	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610964
					IF, WB	RUO	Purified	150 µg	610965
mGluR1α	NRN	Rat	G209-488	Mouse IgG ₁	IHC(Fr), WB	RUO	Purified	0.1 mg	556331
			G209-2048	Mouse IgG ₁	IHC(Fr)	RUO	Purified	0.1 mg	556389
MSI1	NEU	Hu	N14-47	Mouse IgG ₁ , κ	IC/FCM, IF, WB	RUO	Purified	0.1 mg	560851
MyoD	MSP	Chick, Hu, Ms, Rat	MoAb 5.8A	Mouse IgG ₁	IHC(Fr), WB	RUO	Purified	0.1 mg	554130
Myogenin	MSP, HSM, MYG	Cat, Hu, Ms, Rat	F5D	Mouse IgG ₁	IHC(F), IHC(Fr), WB	RUO	Purified	0.1 mg	556358
MRP-1	HEM	Hu	9	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	612494
			QCRL-3	Mouse IgG _{2a} , κ	FCM	RUO	Purified	0.1 mg	557594
					FCM	RUO	FITC	100 tests	557593
Nanog	EMB	Hu	L96-549	Mouse IgG ₁ , κ	Bioimg, WB	RUO	Purified	0.1 mg	560109
			N31-355	Mouse IgG ₁ , κ	Bioimg, WB	RUO	Purified	0.1 mg	560482
					IC/FCM, Bioimg	RUO	Alexa Fluor® 488	50 tests	560791
					IC/FCM	RUO	PE	100 tests	560483
					Bioimg	RUO	Alexa Fluor® 488	100 tests	560261
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560260
		Ms	M55-312	Mouse IgG ₁ , κ	Bioimg	RUO	Alexa Fluor® 647	100 tests	560262
					Bioimg, WB	RUO	Purified	0.1 mg	560259
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	560278
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560279
				IC/FCM	RUO	PE	50 tests	560277	
Nestin	NEU, NRN, SKP, END	Hu, Ms, Rat	25	Mouse IgG ₁ , κ	Bioimg	RUO	Alexa Fluor® 555	100 tests	560422
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560341
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560393
					IF, WB	RUO	Purified	50 µg	611658
					IF, WB	RUO	Purified	150 µg	611659
		Rat	Rat 401	Mouse IgG ₁	EM, FCM, IF, IHC(P), WB	RUO	Purified	0.1 mg	556309
Neurofilament NF-M	NRN	Rat	RNF406	Mouse IgG ₁	WB	RUO	Purified	50 µg	551962
Neurogenin 3	NC, PAN, NSP	Hu, Ms, Rat	7	Mouse IgG ₁	IP, IF, WB	RUO	Purified	50 µg	610790
Neuropilin-2	NRN	Rat	54	Mouse IgG ₁	WB, IF	RUO	Purified	50 µg	611262
NF-YA	MSP, HSM	Rat, Ms	YA-1a	Mouse IgG _{2b}	GS, WB	RUO	Purified	0.1 mg	556359
Nicastrin	NRN, NSP	Chick, Dog, Hu, Ms, Rat	35	Mouse IgG _{2a}	WB	RUO	Purified	50 µg	612290
Noggin	NEU	Hu	L98-788	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	560170
Notch1	NEU, NC, NSP	Ms	mN1A	Mouse IgG ₁ , κ	ELISA, IC/FCM, IHC, WB	RUO	Purified	0.1 mg	552466
					FCM, IC/FCM, WB	RUO	PE	0.1 mg	552768
Oct3/4	EMB, PRI	Hu, Ms	40/Oct-3	Mouse IgG ₁ , κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560217
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560306
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560307
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	560253
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560329
					IC/FCM	RUO	PE	50 tests	560186
					IC/FCM	RUO	PerCP-Cy5.5	50 tests	560794
					WB	RUO	Purified	50 µg	611202
WB	RUO	Purified	150 µg	611203					
p16 INK4	TGF	Hu	G175-405	Mouse IgG ₁	IHC(F)*, IHC(Fr)	RUO	Purified	1 mL	550834
					IHC(F), IHC(Fr), IHC(P), IP, WB,	RUO	Purified	50 µg	551153
					IHC(F), IHC(Fr), IHC(P), IP, WB,	RUO	Purified	150 µg	551154
			G175-1239	Mouse IgG ₁	IP, WB	RUO	Purified	0.1 mg	554079

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
p38 MAPK (PT180/pY182) EMB		Hu, Ms, Rat	30	Mouse IgG ₁	IC/FCM, IF, WB	RUO	Purified	50 µg	612280
					IC/FCM, IF, WB	RUO	Purified	150 µg	612281
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	612594
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	612595
					IC/FCM	RUO	PE	50 tests	612565
					IC/FCM	RUO	PE-Cy7	50 tests	560241
					IC/FCM, IF, WB	RUO	Purified	50 µg	612288
IC/FCM, IF, WB	RUO	Purified	150 µg	612289					
p107	TGF	Hu	SD9	Mouse IgG ₁	IP, WB, GS	RUO	Purified	0.1 mg	554209
p150 Glued	NRN	Chick, Dog, Hu, Ms, Rat	1	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610473
					IF, IP, WB	RUO	Purified	150 µg	610474
					IF, WB	RUO	Purified	50 µg	612708
					IF, WB	RUO	Purified	150 µg	612709
p300	TGF	Hu	NM11	Mouse IgG _{2b}	IP	RUO	Purified	0.1 mg	554215
Pax-5	NRN	Hu, Ms	24	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610862
					IF, IP, WB	RUO	Purified	150 µg	610863
PP2A Catalytic α	TGF, WNT	Dog, Hu, Ms, Rat	46	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610555
					IF, IHC, IP, WB	RUO	Purified	150 µg	610556
PSD-95 (SAP-90)	NRN	Ms, Rat	16	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610495
					IF, WB	RUO	Purified	150 µg	610496
PU.1	HEM, MSP	Hu	G148-74	Mouse IgG _{2a}	GS, IP, WB	RUO	Purified	0.1 mg	554268
Ras	EMB	Chick, Dog, Hu, Ms, Rat	18	Mousr IgG ₁	IF	RUO	FITC	50 µg	611840
					IF, IHC, IP, WB	RUO	Purified	50 µg	610001
					IF, IHC, IP, WB	RUO	Purified	150 µg	610002
RIP	OLG	Chick, Dog, Hu, Ms, Rat	38	Mouse IgG _{2a}	IF, IP, WB	RUO	Purified	50 µg	610458
					IF, IP, WB	RUO	Purified	150 µg	610459
					IP, WB	RUO	Purified	50 µg	551041
					IP, WB	RUO	Purified	150 µg	551042
ROCK-I	TGF	Hu, Ms, Rat	46	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611136
					IF, WB	RUO	Purified	150 µg	611137
ROCK-II	TGF	Dog, Hu, Ms, Rat	21	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610623
					IF, IHC, IP, WB	RUO	Purified	150 µg	610624
S100B	NEU, AST	Ms	19	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	612376
					IF, WB	RUO	Purified	150 µg	612377
Sca-1 (Ly6A/E)	SKP	Ms	D7	Rat IgG _{2a} , κ	FCM	RUO	Purified	0.1 mg	557403
					FCM	RUO	Biotin	0.1 mg	557404
					FCM	RUO	APC-Cy7	50 µg	560654
					FCM	RUO	BD Horizon V450	50 µg	560653
					FCM	RUO	FITC	0.1 mg	557405
					FCM	RUO	PE	0.2 mg	553108
					FCM	RUO	PE-Cy7	0.1 mg	558162
					FCM	RUO	Purified	0.5 mg	553333
					FCM	RUO	Biotin	0.5 mg	553334
					FCM	RUO	FITC	0.5 mg	553335
FCM	RUO	PE	0.5 mg	553336					
Serotonin Receptor 5-HT 2BR	NRN	Hu, Rat	A72-1	Mouse IgG ₁	IHC(Fr), WB	RUO	Purified	0.1 mg	556334
Smad2/3	TGF	Dog, Hu, Ms, Rat	18	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610842
					IF, IP, WB	RUO	Purified	150 µg	610843
Smad4	TGF	Hu	49	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610934
SMN	NRN	Dog, Hu, Ms, Rat	8	Mouse IgG ₁	IF, IHC, WB	RUO	Purified	50 µg	610646
					IF, IHC, WB	RUO	Purified	150 µg	640647
					IF	RUO	FITC	50 µg	612586
					IF	RUO	FITC	150 µg	642587
Sox1	EMB, NEU	Hu	N23-844	Mouse IgG ₁ , κ	Bioimg, IC/FCM, WB	RUO	Purified	0.1 mg	560749

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.					
Sox2	EMB, NEU	Hu, Ms	245610	Mouse IgG _{2a}	Bioimg	RUO	Alexa Fluor® 488	100 tests	560292					
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560293					
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560294					
					FCM	RUO	Alexa Fluor® 488	50 tests	560301					
					IC/FCM	RUO	PE	50 tests	560291					
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560302					
SP1	TGF	Mam	1C6	Mouse IgG ₁	WB	RUO	Purified	0.1 mg	554129					
SSEA-1 (CD15, Lewis x)	EMB, PRI, NEU	Ms	MC480	Mouse IgM, κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560172					
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560119					
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560120					
					Bioimg, WB	RUO	Purified	0.1 mg	560079					
					FCM	RUO	FITC	100 tests	560127					
					FCM	RUO	PE	100 tests	560142					
SSEA-3	EMB	Hu	MC631	Rat IgM	FCM	RUO	FITC	100 tests	560236					
					FCM	RUO	PE	100 tests	560237					
SSEA-4	EMB	Hu	MC813-70	Mouse IgG ₃	Bioimg	RUO	Alexa Fluor® 488	100 tests	560308					
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560218					
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560219					
					Bioimg, FCM, ICC, IF, RIA	RUO	Purified	0.1 mg	560073					
					FCM	RUO	Alexa Fluor® 647	100 tests	560796					
					FCM	RUO	FITC	0.1 mg	560126					
Stat1	EMB, END	Chick, Dog, Hu, Ms, Rat	1/Stat1	Mouse IgG ₁	IC/FCM	RUO	Alexa Fluor® 647	50 tests	558560					
					IC/FCM	RUO	PE	50 tests	558537					
					IF, IHC, IP, WB	RUO	Purified	50 µg	610115					
			42	Mouse IgG _{2b}	IF, IHC, IP, WB	RUO	Purified	150 µg	610116					
					IF, IP, WB	RUO	Purified	50 µg	610185					
					IF, IP, WB	RUO	Purified	150 µg	610186					
			Polyclonal	Rab Ig	IF, IP, WB	RUO	Purified	50 µg	610119					
					IF, IP, WB	RUO	Purified	150 µg	610120					
					Stat1 (pY701)	EMB, END	Hu, Ms	4a	Mouse IgG _{2a}	IC/FCM, IF, IP, WB	RUO	Purified	50 µg	612232
IC/FCM, IF, IP, WB	RUO	Purified	150 µg	612233										
IC/FCM	RUO	PE	50 tests	612564										
IC/FCM	RUO	Alexa Fluor® 488	50 tests	612596										
IC/FCM	RUO	Alexa Fluor® 647	50 tests	612597										
IC/FCM	RUO	PerCP-Cy5.5	50 tests	560113										
Stat3	EMB, END	Chick, Dog, Frog, Hu, Ms, Rat	84	Mouse IgG ₁	IC/FCM, IF, IP, WB	RUO	Purified	50 µg	612132					
					IC/FCM, IF, IP, WB	RUO	Purified	150 µg	612133					
					IF, IP, WB, IHC	RUO	Purified	50 µg	610189					
					IF, IP, WB, IHC	RUO	Purified	150 µg	610190					
					Stat3 (pS727)	EMB, END	Hu	49/p-Stat3	Mouse IgG ₁	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										
IF, WB	RUO	Purified	50 µg	612542										
IF, WB	RUO	Purified	150 µg	612543										

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.		
Stat3 (pY705)	EMB, END	Hu, Ms	4/P-STAT3	Mouse IgG _{2a}	FCM, IC/FCM	RUO	PE	50 tests	612569		
					IC/FCM, FCM, WB	RUO	Alexa Fluor® 488	50 tests	557814		
					IC/FCM, FCM, WB	RUO	Alexa Fluor® 647	50 tests	557815		
					IC/FCM, WB	RUO	Purified	50 µg	612356		
					IC/FCM, WB	RUO	Purified	150 µg	612357		
Stat3-interacting protein 1	EMB, END	Ms	41	Mouse IgG _{2b}	WB	RUO	Purified	50 µg	612616		
					WB	RUO	Purified	150 µg	612617		
Stat4	EMB, END	Ms, Rat	8	Mouse IgG ₁	WB	RUO	Purified	50 µg	610926		
					WB	RUO	Purified	150 µg	610927		
Stat4 (pY693)	EMB, END	Hu	38/p-Stat4	Mouse IgG _{2b}	WB	RUO	Purified	50 µg	612738		
					WB	RUO	Purified	150 µg	612739		
		Hu, Ms	38/p-Stat4	Mouse IgG _{2b}	IC/FCM	RUO	Alexa Fluor® 488	50 tests	558136		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	558137		
					IC/FCM	RUO	PE	50 tests	618249		
Stat5 (MGF)	EMB, END	Dog, Hu, Ms, Rat	89	Mouse IgG _{2b}	IF, IHC, WB	RUO	Purified	50 µg	610191		
					IF, IHC, WB	RUO	Purified	150 µg	610192		
Stat5 (MGF) (PY694)	EMB, END	Hu	47	Mouse IgG ₁	IC/FCM	RUO	PerCP-Cy5.5	50 tests	560118		
					Polyclonal	Rab Ig	IF, WB	RUO	Purified	50 µg	611818
						IF, WB	RUO	Purified	150 µg	611819	
		Hu, Ms	47	Mouse IgG ₁	IC/FCM	RUO	Alexa Fluor® 488	50 tests	612598		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560117		
					IC/FCM	RUO	PE	50 tests	612567		
					IC/FCM, WB	RUO	Purified	50 µg	611964		
					IC/FCM, WB	RUO	Purified	150 µg	611965		
Stat6	EMB, END	Hu	23/Stat6	Mouse IgG ₁	IC/FCM	RUO	Alexa Fluor® 647	50 tests	560000		
					IC/FCM	RUO	PE	50 tests	560001		
		Hu, Ms, Rat	23/Stat6	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611290		
					IF, WB	RUO	Purified	150 µg	611291		
					IF, WB	RUO	Purified	150 µg	611291		
Stat6 (pY641)	EMB, END	Hu	18	Mouse IgG _{2a}	IC/FCM	RUO	Alexa Fluor® 488	50 tests	612600		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	612601		
					IC/FCM	RUO	PE	50 tests	612701		
					IC/FCM, IF, WB	RUO	Purified	50 µg	611566		
					IC/FCM, IF, WB	RUO	Purified	150 µg	611567		
		Ms	J71-773.58.11	Mouse IgG _γ , κ	Polyclonal	Rab Ig	IF, WB	RUO	Purified	50 µg	611820
						IF, WB	RUO	Purified	150 µg	611821	
					IC/FCM	RUO	Alexa Fluor® 488	50 tests	558243		
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	558242		
					IC/FCM	RUO	PE	50 tests	558252		
WB	RUO	Purified	0.1 mg	558241							
Synaptophysin	NRN, PAN	Ms, Rat	2	Mouse IgG ₁	WB	RUO	Purified	50 µg	611880		
Synaptotagmin	NRN	Hu, Rat	41	Mouse IgG ₁	WB	RUO	Purified	50 µg	610433		
					WB	RUO	Purified	150 µg	610434		
Synaptotagmin I	NRN	Hu	15	Mouse IgG ₁	WB	RUO	Purified	50 µg	612714		
					WB	RUO	Purified	150 µg	612715		
Synaptotagmin II	NRN	Rat	26	Mouse IgG ₁	WB	RUO	Purified	50 µg	612716		
					WB	RUO	Purified	150 µg	612717		
Synaptotagmin V	NRN	Ms, Rat	46	Mouse IgG ₁	WB	RUO	Purified	50 µg	612284		

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
Syntaxin	NRN	Chick, Dog, Frog, Hu, Ms, Rat	30	Mouse IgG ₁	IF, IHC, IP, WB	RUO	Purified	50 µg	610635
					IF, IHC, IP, WB	RUO	Purified	150 µg	610636
		Dog, Hu, Ms, Rat	48	Mouse IgG _{2a}	IF, WB	RUO	Purified	50 µg	611352
					IF, WB	RUO	Purified	150 µg	611353
		Dog, Hu, Ms, Rat	49	Mouse IgG ₁	IF, IP, WB	RUO	Purified	50 µg	610439
					IF, IP, WB	RUO	Purified	150 µg	610440
		Hu, Ms	32	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	611282
					IF, WB	RUO	Purified	150 µg	611283
α-Synuclein	NRN	Hu, Ms, Rat	42	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610786
					IF, WB	RUO	Purified	150 µg	610787
α-Synuclein (pY125)	NRN	Hu	I57-628	Mouse IgG _{2b} , κ	WB	RUO	Purified	0.1 mg	558246
Tat-SF1	HEP	Hu, Ms, Rat	14	Mouse IgG _{2a}	WB	RUO	Purified	50 µg	611984
					WB	RUO	Purified	150 µg	611985
Tau	NRN	Rat	15	Mouse IgG _{2b}	Bioimg	RUO	Alexa Fluor® 488	100 tests	560416
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560415
					IF, IHC, IP, WB	RUO	Purified	50 µg	610672
					IF, IHC, IP, WB	RUO	Purified	150 µg	610673
					TAU-5	Mouse IgG ₁	IHC(F), WB	RUO	Purified
Taz	MES	Hu, Ms	M2-616	Mouse IgG _{2b} , κ	Bioimg, WB	RUO	Purified	0.1 mg	560235
TdT (Terminal Transferase) HEM, MSP	HEM, MSP	Hu	E17-1519	Mouse IgG ₁ , κ	FCM	RUO	FITC Set	100 tests	550756
					FCM	RUO	PE Set	100 tests	550757
					FCM, IC	RUO(GMP) APC	100 tests	347196	
					FCM, IC	RUO(GMP) FITC	50 tests	347194	
					FCM, IC	RUO(GMP) PE	50 tests	347195	
TER-119/Erythroid cells (Ly-76)	HEM, MSP	Ms	TER-119	Rat IgG _{2b} , κ	FCM	RUO	NA/LE	0.5 mg	553669
					FCM	RUO	Purified	0.1 mg	553670
					FCM	RUO	Purified	0.5 mg	553671
					FCM	RUO	Biotin	0.5 mg	553672
					FCM	RUO	Alexa Fluor® 700	50 µg	560508
					FCM	RUO	APC	0.1 mg	557909
					FCM	RUO	APC-Cy7	50 µg	560509
					FCM	RUO	FITC	0.1 mg	557915
					FCM	RUO	PE	0.2 mg	553673
					FCM	RUO	PE-Cy7	0.1 mg	557853
				IHC(F), IHC(Fr), IHC(Zn)	RUO	Purified	1 mL	550565	
TIE2	HMB, HEM, END, MSP, HSM	Hu, Ms	33	Mouse IgG ₁	IHC(Fr), WB	RUO	Purified	0.1 mg	557039
TIE2 (pY992)	HEM	Hu	K91-860	Mouse IgG ₁ , κ	IC/FCM	RUO	Alexa Fluor® 647	50 tests	560051
TIE2 (pY1102)	HEM	Hu	K93-754	Mouse IgG _{2a} , κ	IC/FCM	RUO	Alexa Fluor® 488	50 tests	560053
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560054
					IC/FCM	RUO	PE	50 tests	560052
TRA-1-60 Antigen	EMB	Hu	TRA-1-60	Mouse IgM	Bioimg	RUO	Alexa Fluor® 488	100 tests	560173
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560121
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560122
					Bioimg, FCM, ICC, IF, IP, RIA, WB	RUO	Purified	0.1 mg	560071
					FCM	RUO	FITC	100 tests	560380
					FCM	RUO	PE	100 tests	560193

Stem Cell Research Reagents – Stem Cell Markers *(continued)*

DESCRIPTION	RELEVANCE	REACT	CLONE	ISOTYPE	APPS	REG	FORMAT	SIZE	CAT. NO.
TRA-1-81 Antigen	EMB	Hu	TRA-1-81	Mouse IgM, κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	560174
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560123
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560124
					Bioimg, ICC, IF, IP, RIA, WB	RUO	Purified	0.1 mg	560072
					FCM	RUO	Alexa Fluor® 647	100 tests	560796
					FCM	RUO	FITC	100 tests	560194
					FCM	RUO	PE	100 tests	560161
TrkB	NRN	Ms, Rat	47	Mouse IgG ₁	IF, WB	RUO	Purified	50 µg	610101
					IF, WB	RUO	Purified	150 µg	610102
			Polyclonal	Rab Ig	IF, WB	RUO	Purified	50 µg	611640
					IF, WB	RUO	Purified	150 µg	611641
Trop-1	EMB, TRO	Hu	162-21	Mouse IgG _{2a}	FCM	RUO	Purified	100 µg	551316
Trop-2	EMB, TRO	Hu	162-46	Mouse IgG ₁	FCM	RUO	Purified	100 µg	551317
Tubby	NRN	Ms	40	Mouse IgG ₁	WB	RUO	Purified	50 µg	612106
					WB	RUO	Purified	150 µg	612107
β-Tubulin	NRN	Hu	5H1	Mouse IgM, κ	Bioimg	RUO	Alexa Fluor® 488	100 tests	558605
					Bioimg	RUO	Alexa Fluor® 555	100 tests	558608
					Bioimg	RUO	Alexa Fluor® 647	100 tests	558606
					ICC, WB	RUO	Purified	0.1 mg	556321
β-Tubulin Class III	NRN	Hu	Tuj1	IgG _{2a}	Bioimg	RUO	Alexa Fluor® 488	100 tests	560338
					Bioimg	RUO	Alexa Fluor® 555	100 tests	560339
					Bioimg	RUO	Alexa Fluor® 647	100 tests	560340
					FCM	RUO	Alexa Fluor® 488	50 tests	560381
					IC/FCM	RUO	Alexa Fluor® 647	50 tests	560394
Tyrosine Hydroxylase	NRN	Ms, Rat	45	Mouse IgG ₁	WB	RUO	Purified	50 µg	612300
		Rat	TOH A1	Mouse IgG ₁	EM, IHC(Fr)	RUO	Purified	0.1 mg	556311
VASA/DDX4	PRI	Hu, Ms	R11-A3	Human Fab	Bioimg, IHC, WB	RUO	Purified	0.1mg	560189
VEGF	HEM	Hu	G143-850	Mouse IgG _{2a}	IP/WB	RUO	Purified	0.5 mg	554539
			G153-694	Mouse IgG _{2b}	IHC(F), IF	RUO	Purified	0.5 mg	555036
VEGFR-2/KDR (CD309)	HMB, MES+	Hu	89106	Mouse IgG ₁	FCM	RUO	Alexa Fluor® 647	100 tests	560495
					FCM	RUO	PE	100 tests	560494
Vimentin	NRN, SKP, END	Bov, Chick, Hu, Ms, Rat	RV202	Mouse IgG ₁	EM, IF, IHC, WB	RUO	Purified	50 µg	550513
Wiskott-Aldrich Syndrome Protein	HEM	Hu	5A5	Mouse IgG _{2a} , κ	FCM, IP, WB	RUO	Purified	100 µg	557773
Wnt16	WNT	Hu	F4-1582	Mouse IgG _{2b}	WB	RUO	Purified	50 µg	552595

Stem Cell Research Reagents - Multicolor Flow Cytometry Kits

Description	Antibodies	Size	Cat. No.	Reg	Cell Surface Analysis	Intracellular Analysis	Sorting	Drop-ins	GFP Compatible
BD Stemflow™ Human Pluripotent Stem Cell Sorting and Analysis Kit	SSEA-1 FITC SSEA-3 PE Tra-1-81 Alexa Fluor® 647	50 tests	560461	RUO	X		X	X	
BD Stemflow™ Human and Mouse Pluripotent Stem Cell Analysis Kit	SSEA-1 PE Oct3/4 PerCP-Cy5.5 SSEA-4 Alexa Fluor® 647	50 tests	560477	RUO	X	X		X	X
BD Stemflow™ Human Pluripotent Stem Cell Transcription Factor Analysis Kit	hNanog PE Oct3/4 PerCP-Cy5.5 Sox2 Alexa Fluor® 647	50 tests	560589	RUO		X		X	X
BD Stemflow™ Mouse Pluripotent Stem Cell Transcription Factor Analysis Kit	mNanog PE Oct 3/4 PerCP-Cy5.5 Sox2 Alexa Fluor® 647	50 tests	560585	RUO		X		X	X
BD Stemflow™ Mouse Hematopoietic Stem and Progenitor Cell Isolation Kit	CD34 FITC c-Kit (CD117) PE Sca-1 PE-Cy7 APC Lineage Cocktail	100 tests (10 sorts of bone marrow pooled from 10 mice)	560492	RUO	X		X		
BD Lyoplate™ Human Cell Surface Marker Screening Panel	242 antibodies (Alexa Fluor® 647)	5 tests	560747	RUO	X			X	

Stem Cell Research Reagents - Cytometric Bead Array Flex Sets

DESCRIPTION	CLONE	APPS	REG	SIZE	CAT. NO.
Phospho Akt1 (S473) Flex Set (Bead A4)	Hu	FCM	RUO	100 tests	560144
Phospho Akt1 (T308) Flex Set (Bead A4)	Hu	FCM	RUO	100 tests	560208
Phospho Akt2 (S474) Flex Set (Bead A5)	Hu	FCM	RUO	100 tests	560147
Phospho Akt2 (T309) Flex Set (Bead A5)	Hu	FCM	RUO	100 tests	560146
Phospho c-Jun (S63) Flex Set (Bead D8)	Hu	FCM	RUO	100 tests	560059
Phospho ERK1/2 (T202/Y204) Flex Set (Bead C4)	Hu, Ms, Rat	FCM	RUO	100 tests	560012
Phospho Itk (Y511) Flex Set (Bead C6)	Hu, Ms, Rat	FCM	RUO	100 tests	560008
Phospho JNK1/2 (T183/Y185) Flex Set (Bead B5)	Hu, Ms, Rat	FCM	RUO	100 tests	560013
Phospho MEK1/2 (S222) Flex Set (Bead A6)	Hu	FCM	RUO	100 tests	560150
Phospho p38 (T180/Y182) Flex Set (Bead B6)	Hu, Ms, Rat	FCM	RUO	100 tests	560010
Phospho Rsk (S380) Flex Set (Bead D7)	Hu	FCM	RUO	100 tests	560055
Phospho Rsk (T573) Flex Set (Bead D7)	Hu, Ms, Rat	FCM	RUO	100 tests	560024
Phospho Stat3 (Y705) Flex Set (Bead C8)	Hu	FCM	RUO	100 tests	560093
Total Akt1 Flex Set (Bead A4)	Hu	FCM	RUO	100 tests	560206
Total Akt2 Flex Set (Bead A5)	Hu	FCM	RUO	100 tests	560207
Total Jnk Flex Set (Bead B5)	Hu	FCM	RUO	100 tests	560214
Total Nanog Flex Set (Bead A8)	Hu	FCM	RUO	100 tests	560854
Total Oct-4 Flex Set (Bead A6)	Hu	FCM	RUO	100 tests	560855
Total p38-α Flex Set (Bead B6)	Hu	FCM	RUO	100 tests	560145
Total Rex-1 Flex Set (Bead C4)	Hu	FCM	RUO	100 tests	560862
Total Sox2 Flex Set (Bead C5)	Hu	FCM	RUO	100 tests	560872
Total Stat1 Flex Set (Bead C5)	Hu, Ms, Rat	FCM	RUO	100 tests	560017
Total Syk Flex Set (Bead B9)	Hu	FCM	RUO	100 tests	560020
Total ZAP-70 Flex Set (Bead B8)	Hu, Ms, Rat	FCM	RUO	100 tests	560019

Stem Cell Research Reagents - Support Products

DESCRIPTION	REG	SIZE	CAT. NO.
Anti-Mouse Ig CompBead Plus Set	RUO	6 mL	560497
Anti-Rat Ig CompBead Plus Set	RUO	6 mL	560499
BD IMag™ Hematopoietic Progenitor Cell Enrichment Set - DM	RUO	2 x 10 ⁹ cells	558451
BD IMag™ Cell Separation Magnet	RUO		552311
BD IMag™ Buffer (10x) for use with BD IMag™ cell separation products	RUO	100 mL	552362
Cell Signaling Master Buffer Kit (Required for use with BD CBA Signaling Flex Sets)	RUO	100 tests	560005
	RUO	500 tests	560006

Stem Cell Cultureware

Cultureware Abbreviations

hESC: Human Embryonic Stem Cell
 NRN: Neuronal Stem Cell
 HEM: Hematopoietic Stem Cell
 ADP: MSC Adipogenic Differentiation
 CHON: MSC Chondrogenic Differentiation

MIV: Mesenchymal Stem Cell In Vivo
 OST: MSC Osteogenic Differentiation
 EPV: Endothelial Progenitor Cell In Vivo
 EPT: Endothelial Progenitor Cell In Vitro
 NRN DIFF: Neuronal Differentiation

mMES: Mesendodermal Differentiation of Mouse Embryonic Stem Cells
 PC: Prostate Cancer Stem Cells
 LC: Liver Stem Cells (Oval Cells)
 GFR: Growth Factor Reduced

Extracellular Matrix Products

BD Matrigel™ Basement Membrane Matrix

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
BD Matrigel Matrix	hESC, NRN DIFF, MIV	5 mL	356234
BD Matrigel Matrix	hESC, NRN DIFF, MIV	10 mL	354234
BD Matrigel Matrix	hESC, NRN DIFF, MIV	5 x 10 mL	356235
BD Matrigel Matrix phenol red-free	hESC, NRN	10 mL	356237
GFR BD Matrigel Matrix	hESC, NRN DIFF	5 mL	356230
GFR BD Matrigel Matrix	hESC, NRN DIFF	10 mL	354230
BD Matrigel hESC-Qualified Matrix	hESC	5 mL/vial	354277
GFR BD Matrigel Matrix phenol red-free	hESC, NRN	10 mL	356231
Dispase	hESC	100 mL	354235
BD Cell Recovery Solution	hESC	100 mL	354253

Laminin

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
Ultra-pure Laminin, mouse	NRN DIFF	1 mg	354239
Laminin/Entactin High Concentration	hESC	10.5 mg	354259
Laminin, mouse	NRN DIFF	1 mg	354245

Fibronectin

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
Fibronectin, human	hESC, NRN, EPT	1 mg	354008
Fibronectin, human	hESC, NRN, EPT	5 mg	356008
Fibronectin, human (25 mg)	hESC, NRN, EPT	5 x 5 mg	356009

Collagens

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
Collagen I, bovine	EPV	30 mg	354231
Collagen I, human	EPV	0.25 mg	354243
Collagen I, human	EPV	10 mg	354265
Collagen I, rat tail	EPV	100 mg	354236
Collagen I, rat tail (1 g)	EPV	10 x 100 mg	356236
Collagen I, human recombinant	EPV	250 µg	354254
Collagen IV, human	hESC, NRN DIFF	0.25 mg	354245

BD™ PuraMatrix™ Peptide Hydrogel

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
BD PuraMatrix Peptide Hydrogel	NRN, CHON, MIV	5 mL	354250

Growth Factors, Cytokines, and Media Additives

Fibroblast Growth Factors (bFGF)

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
bFGF, bovine natural	OST, NRN DIFF, hESC	10 µg	356037
bFGF, human recombinant	OST, NRN DIFF, hESC	10 µg	354060
bFGF, human recombinant (50 µg)	OST, NRN DIFF, hESC	5 x 10 µg	356060
bFGF, human recombinant (100 µg)	OST, NRN DIFF, hESC	10 x 10 µg	354061

Epidermal Growth Factors (EGF)

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
EGF, mouse natural (culture grade)	NRN, OST	100 µg	354001
EGF, mouse natural (culture grade) (1 mg)	NRN, OST	10 x 100 µg	356001
EGF, mouse natural (receptor grade)	NRN, OST	100 µg	354010
EGF, mouse natural (culture grade) (0.5 mg)	NRN, OST	5 x 100 µg	356010
EGF, human recombinant	NRN, OST	100 µg	354052
EGF, human recombinant	NRN, OST	1 mg	356052

Hydrocortisone

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
Hydrocortisone	ADI	50 mg	354203

Nerve Growth Factors

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
Nerve Growth Factors 2.5S NGF, mouse natural	NRN DIFF	10 µg	354005
Nerve Growth Factors 2.5S NGF, mouse natural	NRN DIFF	100 µg	356004
Nerve Growth Factors 2.5S NGF, mouse natural	NRN DIFF	1 mg	356005
Nerve Growth Factors 7S NGF, mouse natural	NRN DIFF	100 µg	354009

Transforming Growth Factors

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
TGF-β, human natural	CHON	1 µg	354039
TGF-β, human natural (5 µg)	CHON	5 x 1 µg	356039
TGF-β, human natural (10 µg)	CHON	5 x 2 µg	356040
IL-3, human recombinant	HEM	10 µg	554604
GM-CSF, human recombinant	HEM	1 µg	354048
GM-CSF, human recombinant	HEM	10 µg	550068
SCF, human recombinant	HEM	10 µg	354105
Transferrin, human (holo)	HEM	10 mg	354204
Transferrin, human (holo)	HEM	1 g	354304
G-CSF, mouse recombinant	HEM	10 µg	554586
IL-3, mouse recombinant	HEM	10 µg	354058
IL-6, mouse recombinant	HEM	5 µg	554582
IL-10, mouse recombinant	HEM	10 µg	550070

BD™ ITS Universal Culture Supplements (insulin transferrin, selenium)

DESCRIPTION	CELL TYPE	QTY/PACK	CAT. NO.
ITS Premix (20 liter equivalent)	NRN DIFF, CHON	20 mL	354350
ITS Premix (5 liter equivalent)	NRN DIFF, CHON	5 mL	354351
ITS+ Premix (2 liter equivalent)	CHON	20 mL	354352

Stem Cell Cultureware (continued)

BD BioCoat™ Cellware

BD BioCoat Collagen I Cellware

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well plates	mMes, PC, LC, EPV	5	354400
6-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356400
12-well plates	mMes, PC, LC, EPV	5	354500
12-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356500
24-well plates	mMes, PC, LC, EPV	5	354408
24-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356408
48-well plates	mMes, PC, LC, EPV	5	354505
48-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356505
96-well plates	mMes, PC, LC, EPV	5	354407
96-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356407
96-well plates	mMes, PC, LC, EPV	80	356698
96-well black/clear plates	mMes, PC, LC, EPV	5	354649
96-well black/clear plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356649
96-well black/clear plates	mMes, PC, LC, EPV	80	356700
96-well white/clear plates	mMes, PC, LC, EPV	5	354650
96-well white/clear plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356650
96-well white plates	mMes, PC, LC, EPV	5	354519
96-well white plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356519
96-well white plates	mMes, PC, LC, EPV	80	356699
96-well white/clear plates	mMes, PC, LC, EPV	80	356701
384-well plates	mMes, PC, LC, EPV	5	354666
384-well plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356666
384-well plates	mMes, PC, LC, EPV	80	356704
384-well black/clear plates	mMes, PC, LC, EPV	5	354667
384-well black/clear plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356667
384-well black/clear plates	mMes, PC, LC, EPV	80	356705
384-well black/clear plates small volume	mMes, PC, LC, EPV	5	354397
384-well black/clear plates small volume	mMes, PC, LC, EPV	50	356397
384-well white/clear plates	mMes, PC, LC, EPV	5	354664
384-well white/clear plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356664
384-well white/clear plates	mMes, PC, LC, EPV	80	356702
384-well white plates	mMes, PC, LC, EPV	5	354665
384-well white plates (10 sleeves of 5)	mMes, PC, LC, EPV	50	356665
384-well white plates	mMes, PC, LC, EPV	80	356703
35 mm culture dishes	mMes, PC, LC, EPV	20	354456
35 mm culture dishes (5 sleeves of 20)	mMes, PC, LC, EPV	100	356456
60 mm culture dishes	mMes, PC, LC, EPV	20	354401
60 mm culture dishes (5 sleeves of 20)	mMes, PC, LC, EPV	100	356401
100 mm culture dishes	mMes, PC, LC, EPV	10	354450
100 mm culture dishes (4 sleeves of 10)	mMes, PC, LC, EPV	40	356450
150 mm culture dishes	mMes, PC, LC, EPV	5	354551
25 cm ² plug-seal flasks	mMes, PC, LC, EPV	10	354531
25 cm ² plug-seal flasks (5 sleeves of 10)	mMes, PC, LC, EPV	50	356531
25 cm ² vented-cap flasks	mMes, PC, LC, EPV	10	354484
25 cm ² vented-cap flasks (5 sleeves of 10)	mMes, PC, LC, EPV	50	356484
75 cm ² plug-seal flasks	mMes, PC, LC, EPV	5	354462
75 cm ² plug-seal flasks (10 sleeves of 5)	mMes, PC, LC, EPV	50	356462
75 cm ² vented-cap flasks	mMes, PC, LC, EPV	5	354485
75 cm ² vented-cap flasks (10 sleeves of 5)	mMes, PC, LC, EPV	50	356485
150 cm ² plug-seal flasks	mMes, PC, LC, EPV	5	354645
150 cm ² plug-seal flasks (8 sleeves of 5)	mMes, PC, LC, EPV	40	356645

BD BioCoat Collagen I Cellware (continued)

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
150 cm ² vented-cap flasks	mMes, PC, LC, EPV	5	354486
150 cm ² vented-cap flasks (8 sleeves of 5)	mMes, PC, LC, EPV	40	356486
175 cm ² plug-seal flasks	mMes, PC, LC, EPV	5	354478
175 cm ² plug-seal flasks (8 sleeves of 5)	mMes, PC, LC, EPV	40	356478
175 cm ² vented-cap flasks	mMes, PC, LC, EPV	5	354487
175 cm ² vented-cap flasks (8 sleeves of 5)	mMes, PC, LC, EPV	40	356487
Coverslips (22 mm, round, No.1 German glass)	mMes, PC, LC, EPV	60	354089
1-well CultureSlides	mMes, PC, LC, EPV	12	354556
2-well CultureSlides	mMes, PC, LC, EPV	12	354627
4-well CultureSlides	mMes, PC, LC, EPV	12	354557
8-well CultureSlides	mMes, PC, LC, EPV	12	354630

BD BioCoat Collagen IV Cellware

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well plates	mMes	5	354428
24-well plates	mMes	5	354430
96-well plates	mMes	5	354429
35 mm culture dishes	mMes	20	354459
60 mm culture dishes	mMes	20	354416
100 mm culture dishes	mMes	10	354453
150 mm culture dishes	mMes	5	354554
25 cm ² plug-seal flasks	mMes	10	354534
75 cm ² plug-seal flasks	mMes	10	354523
175 cm ² plug-seal flasks	mMes	5	354528

BD BioCoat Matrigel Matrix Plates for Embryonic Stem Cell Culture

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well Plates	hESC	5	354671

BD BioCoat Poly-D-Lysine/Laminin Cellware

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well plates	NRN DIFF	5	354595
24-well plates	NRN DIFF	5	354619
96-well plates	NRN DIFF	5	354596
100 mm culture dishes	NRN DIFF	50	354455
12 mm round No. 1 German glass	NRN DIFF	80	354087
2-well CultureSlides	NRN DIFF	12	354687
8-well CultureSlides	NRN DIFF	12	354688

BD BioCoat Poly-L-Ornithine/Laminin Cellware

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well plates	NRN DIFF	5	354658
24-well plates	NRN DIFF	5	354659
96-well plates	NRN DIFF	5	354657

Stem Cell Cultureware (continued)

BD BioCoat Cellware (continued)

BD BioCoat Fibronectin Cellware

DESCRIPTION	CELL TYPE	QTY/CASE	CAT. NO.
6-well plates	EPT	5	354402
12-well plates	EPT	5	354501
24-well plates	EPT	5	354411
48-well plates	EPT	5	354506
96-well plates	EPT	5	354409
35 mm culture dishes	EPT	20	354457
60 mm culture dishes	EPT	20	354403
100 mm culture dishes	EPT	10	354451
150 mm culture dishes	EPT	5	354552
25 cm ² plug-seal flasks	EPT	10	354532
75 cm ² plug-seal flasks	EPT	10	354521
150 cm ² plug-seal flasks	EPT	5	354646
175 cm ² plug-seal flasks	EPT	5	354526
Coverslips (22 mm, round, No.1 German glass)	EPT	60	354088
1-well CultureSlides	EPT	12	354558
2-well CultureSlides	EPT	12	354628
4-well CultureSlides	EPT	12	354559
8-well CultureSlides	EPT	12	354631

BD Falcon™ Cellware

BD Falcon Cell Culture Flasks, TC

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
12.5 cm ² Canted Neck, 25 mL, Plug-seal	10	100	353018
12.5 cm ² Canted Neck, 25 mL, Vented	10	100	353107
25 cm ² Canted Neck, 50 mL, Plug-seal	20	200	353014
25 cm ² Canted Neck, 50 mL, Vented	20	100	353108
25 cm ² Canted Neck, 70 mL, Plug-seal	20	200	353082
25 cm ² Canted Neck, 70 mL, Vented	20	100	353109
25 cm ² Canted Neck, 70 mL, Phenolic	20	200	353081
75 cm ² Straight Neck, 250 mL, Plug-seal	5	100	353024
75 cm ² Straight Neck, 250 mL, Vented	5	100	353110
75 cm ² Straight Neck, 250 mL, Phenolic	5	100	353023
75 cm ² Canted Neck, 250 mL, Plug-seal	5	60	353135
75 cm ² Canted Neck, 250 mL, Vented	5	60	353136
75 cm ² Canted Neck, 250 mL, Phenolic	5	60	353134
150 cm ² Canted Neck, 600 mL, Plug-seal	5	40	355000
150 cm ² Canted Neck, 600 mL, Vented	5	40	355001
175 cm ² Straight Neck, 750 mL, Plug-seal	5	40	353028
175 cm ² Straight Neck, 750 mL, Vented	5	40	353112
175 cm ² Straight Neck, 750 mL, Phenolic	5	40	353045
175 cm ² Straight Neck, 750 mL, Vented, barcoded	5	40	353118
225 cm ² Canted Neck, 800 mL, Plug-seal	5	30	353139
225 cm ² Canted Neck, 800 mL, Vented	5	30	353138
300 cm ² Straight Neck, 1,900 mL, Plug-seal	1	12	353099
300 cm ² Straight Neck, 1,900 mL, Vented	1	12	353113

BD BioCoat Cell Environments

BD BioCoat Angiogenesis System: Endothelial Cell Invasion (3.0 μm)

DESCRIPTION	QTY/CASE	CAT. NO.
One insert plate with one with 24-well plate and lid	1	354141
Five insert plates with five 24-well plates and lids	5	354142

BD BioCoat Angiogenesis System: Endothelial Cell Migration (Light-opaque PET membrane, 3.0 μm)

DESCRIPTION	QTY/CASE	CAT. NO.
One insert plate with one 24-well plate and lid	1	354143
Five insert plates with five 24-well plates and lids	5	354144
One insert plate with one 96-well plate and lid	1	354147
Five insert plates with five 96-well plates and lids	5	354148

BD BioCoat Angiogenesis System: Endothelial Tube Formation

DESCRIPTION	QTY/CASE	CAT. NO.
96-well Black/Clear Optilux Microplate	1	354149
96-well Black/Clear Optilux Microplate	5	354150

BD Falcon Cell Culture Plates

(Tissue-culture treated polystyrene, sterile, non-pyrogenic)

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
6-well flat-bottom w/lid, clear	1	50	353046
6-well flat-bottom w/lid, clear	6	36	353224
6-well flat-bottom w/lid, ready-stack tray	10	60	353934
12-well, flat-bottom w/lid, clear	1	50	353043
12-well, flat-bottom w/lid, clear	6	36	353225
24-well, flat-bottom w/lid, clear	1	50	353047
24-well, flat-bottom w/lid, clear	6	36	353226
24-well, flat-bottom w/lid, clear, ready-stack tray	10	60	353935
48-well, flat-bottom w/lid, clear	1	50	353078
48-well, flat-bottom w/lid, clear	6	36	353230
96-well round-bottom w/lid, sterile, clear	100	100	353917
96-well, flat-bottom w/lid, clear	100	100	353916
96-well, flat-bottom w/lid, clear	1	50	353072
96-well, flat-bottom w/lid, clear	5	50	353075
96-well, flat-bottom w/lid, clear	14	84	353936
96-well, flat-bottom w/lid, white	5	50	353296
96-well, flat-bottom w/lid, black	5	50	353945
96-well, flat-bottom w/lid, white/clear bottom BD Optilux Plus	5	50	353947
96-well, flat-bottom w/lid, black/clear bottom BD Optilux	5	50	353948
96-well, flat-bottom w/lid, black/clear	20	80	353220
96-well, U-bottom w/lid evaporation lid, clear	1	50	353077
96-well, U-bottom w/lid evaporation lid, clear	5	50	353227
96-well, U-bottom w/lid evaporation lid for 96-well plates	1	50	353071
384-well flat-bottom w/lid, clear	25	100	353289
384-well flat-bottom w/lid, black/clear	25	100	353280
384-well flat-bottom w/lid, white/clear	25	100	353284
384-well flat-bottom w/lid, white	25	100	353286

Stem Cell Cultureware (continued)

BD Falcon Cellware (continued)

BD Falcon Cell Culture Insert Companion Plates

DESCRIPTION	QTY/CASE	CAT. NO.
6-well plate	50	353502
12-well plate	50	353503
24-well plate	50	353504

BD Falcon Cell Culture Dishes, TC

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
35 x 10 mm Easy-Grip Dishes	20	500	353001
60 x 15 mm Standard Dishes	20	500	353002
60 x 15 mm Easy-Grip Dishes	20	500	353004
100 x 20 mm Standard Dishes	20	200	353003
150 x 25 mm Gridded Dishes	10	100	353025
60 x 15 mm Style Center-Well Dishes	20	500	353037

BD Falcon Cell Culture Inserts

(For use with BD Falcon Cell Culture Insert Companion Plates)

DESCRIPTION	QTY/CASE	CAT. NO.
0.4 µm, Transparent PET membrane for 6-well plates	48	353090
0.4 µm, Transparent PET membrane for 12-well plates	48	353180
0.4 µm, Transparent PET membrane for 24-well plates	48	353095
1.0 µm, Transparent PET membrane for 6-well plates	48	353102
1.0 µm, Transparent PET membrane for 12-well plates	48	353103
1.0 µm, Transparent PET membrane for 24-well plates	48	353104
3.0 µm, Transparent PET membrane for 6-well plates	48	353091
3.0 µm, Transparent PET membrane for 12-well plates	48	353181
3.0 µm, Transparent PET membrane for 24-well plates	48	353096
0.4 µm, Translucent PET membrane for 6-well plates	48	353493
0.4 µm, Translucent PET membrane for 12-well plates	48	353494
0.4 µm, Translucent PET membrane for 24-well plates	48	353495
3.0 µm, Translucent PET membrane for 6-well plates	48	353092
3.0 µm, Translucent PET membrane for 12-well plates	48	353292
3.0 µm, Translucent PET membrane for 24-well plates	48	353492
8.0 µm, Translucent PET membrane for 6-well plates	48	353093
8.0 µm, Translucent PET membrane for 12-well plates	48	353182
8.0 µm, Translucent PET membrane for 24-well plates	48	353097
24-Multiwell, 1.0 µm PET membrane for 24-well plates	1	351180
24-Multiwell, 1.0 µm PET membrane for 24-well plates	5	351181
24-Multiwell, 3.0 µm PET membrane for 24-well plates	1	351182
24-Multiwell, 3.0 µm PET membrane for 24-well plates	5	351183
24-Multiwell, 8.0 µm PET membrane for 24-well plates	1	351184
24-Multiwell, 8.0 µm PET membrane for 24-well plates	5	351185
96-Multiwell, 1.0 µm PET membrane, 96-square well, angled-bottom plate and lid	5	353938
96-Square well, angled-bottom plate w/ lid	5	353925

BD Falcon Cell Strainers (sterile)

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
40 µm for use w/ 50 mL conical tubes	1	50	352340
70 µm for use w/ 50 mL conical tubes	1	50	352350
100 µm for use w/ 50 mL conical tubes	1	50	352360
12 x 75 mm polystyrene tube w/ 35 µm cell strainer cap, sterile	25	500	352235

BD Falcon FluoroBlok™ Cell Culture Inserts

DESCRIPTION	QTY/CASE	CAT. NO.
3.0 µm inserts, light opaque PET membrane	48	351151
8.0 µm inserts, light opaque PET membrane	48	351152
3.0 µm insert system in one 24-well plate	1	351155
3.0 µm insert system in one 24-well plate	5	351156
8.0 µm insert system in one 24-well plate	1	351157
8.0 µm insert system in one 24-well plate	5	351158
3.0 µm insert system in one 96-well plate and lid	1	351161
3.0 µm insert systems in one 96-well plate and lid	5	351162
8.0 µm insert system in one 96-well plate and lid	1	351163
8.0 µm insert systems in one 96-well plate and lid	5	351164
96-square well, flat bottom plate and lid	5	353928

BD Falcon TufRol™ Roller Bottles

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
Smooth Surface, Easy on/off	2	20	353007
Smooth Surface, Vented	2	20	353068
Pleated Surface, Easy on/off	20	20	353079
Pleated Surface, Vented	20	20	353069

BD Falcon TufRol EZ Roller Bottles

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
Deep Indent, EZ twist screw	2	20	353151
Deep Indent, EZ twist vented	2	20	353154
Shallow Indent, EZ twist screw	2	20	353160
Shallow Indent, EZ twist vented	2	20	353162

BD Falcon CultureSlides (Sterile w/ Removal Tool)

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
1-well, 8.6 cm ² growth surface area per well	12	96	354101
1-well, 8.6 cm ² growth surface area per well	12	24	354111
2-well, 4.0 cm ² growth surface area per well	12	96	354102
2-well, 4.0 cm ² growth surface area per well	12	24	354112
4-well, 1.7 cm ² growth surface area per well	12	96	354104
4-well, 1.7 cm ² growth surface area per well	12	24	354114
8-well, 0.7 cm ² growth surface area per well	12	96	354108
8-well, 0.7 cm ² growth surface area per well	12	24	354118

BD Falcon Cell Scrapers

DESCRIPTION	QTY/PACK	QTY/CASE	CAT. NO.
18 cm Handle, 1.8 cm Blade	1	100	353085
25 cm Handle, 1.8 cm Blade	1	100	353086
25 cm Handle, 3.0 cm Blade	1	100	353089
40 cm Handle, 3.0 cm Blade	1	100	353087

Please visit bdbiosciences.com for a complete listing of all BD Falcon cultureware and fluid-handling products available from BD Biosciences.

APC-Cy7: US patent 5,714,386

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