

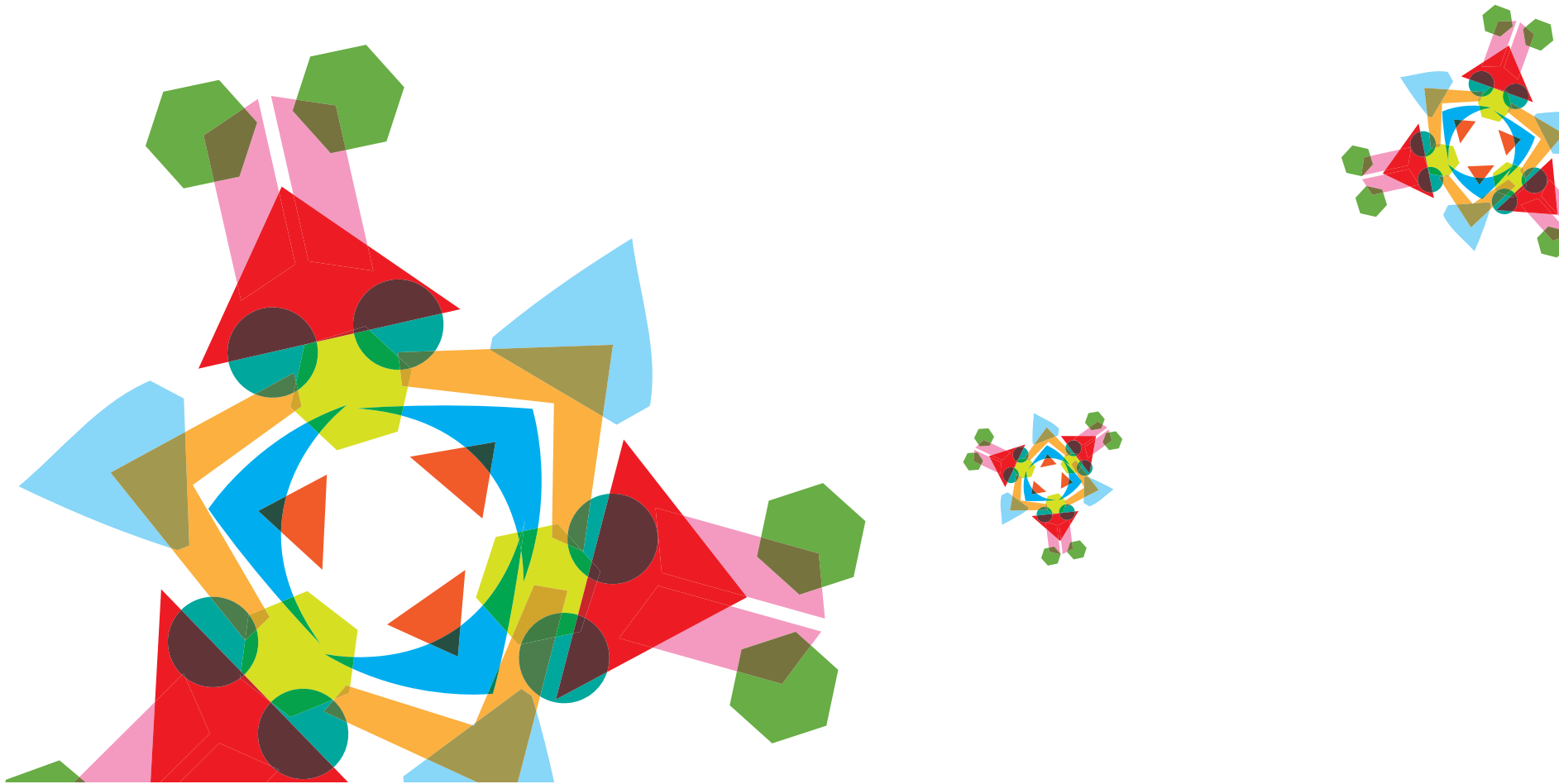


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BD Multicolor Antibody Reagents Catalog

Choose from our extensive portfolio of high-quality fluorescent-conjugated reagents to build your multicolor flow cytometry panels.

Mouse



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Mouse Antibody Reagents



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Surface Markers			Violet Laser (405 nm)				Blue Laser (488 nm)							Green Laser (532 nm) / Yellow-Green Laser (561 nm)				Red Laser (640 nm)							
			1		2		1	2	3	4	5		1	2	3	4	1	2		3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin	
			Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
CD1d (CD1.1, Ly-38)	1B1	Ms					553845		553846						553846									553844	
CD2 (LFA-2)	RM2-5	Ms					553111		553112						553112										553110
CD3 Molecular Complex	17A2	Ms					555274		555275	560591			560527	555276	555275		560591	555276	557869		560590				
CD3e (CD3 e chain)	145-2C11	Ms					553061 553062	557666	553063 553064	552774		553067	551163	553065	553063 553064		552774	553065		553066	557596				553059 553060
	500A2	Ms	558214		560773 560771				553240						553240									557984	553239
CD4 (L3T4)	GK1.5	Ms					557307 553729		557308 553730						557308 553730							552051	560246 560181		553728
	H129.19	Ms					553650 553651		553652 553653					553654	553652 553653			553654							553648 553649
	RM4-4	Ms					553055																		557443
	RM4-5	Ms	558107	560470 560468	560783 560782		553046 553047	557667	553048 553049	552775		553052	550954	553050	553048 553049		552775	553050	557681	553051				557956	553044 553045
CD5 (Ly-1)	53-7.3	Ms				553020 553021		553022 553023			553025		553024	553022 553023			553024			550035				553018 553019	
CD5.1 (Ly-1.1)	H11-86.1	Ms				557487																			
CD6	J90-462	Ms				558500		558499							558499										
CD8a (Ly-2)	53-6.7	Ms	558106	560471 560469	560778 560776		553030 553031	557668	553032 553033	552877		553036	551162	553034	553032 553033		552877	553034	557682	553035	557654	560247 560182	557959	553028 553029	
CD8b (Ly-3)	H35-17.2	Ms							550798						550798										
CD8b.2 (Ly-3.2)	53-5.8	Ms					553040		553041						553041										553039
CD11a (Integrin α _L chain, LFA-1α)	2D7	Ms					553120		553121	558191					553121		558191								557365
	M17/4	Ms					553340																		557455
CD11b (Integrin α _M chain)	M1/70	Ms		560455 560456			557396 553310	557672	557397 553311	552850			550993	557397 553311		552850			557686	553312	557657		557960	557395 553309	
CD11c (Integrin α _X chain)	HL3	Ms		560521			557400 553801		557401 553802	558079				560584	557401 553802		558079			550261			560583	553800	
CD13	R3-242	Ms					558744		558745						558745										
CD14	rmC5-3	Ms		560639 BD			553739		553740					560638	553740					560634	560636 BD				



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		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	
CD16/CD32 (Fcγ III/II Receptor)	2.4G2	Ms		560539			553144		553145				560540		553145					558636	560541			553143
CD18 (Integrin β ² chain, CR3/CR4)	C71/16	Ms					553292		553293						553293									557439
CD19	1D3	Ms		560376 560375			557398 553785		557399 553786	552854			551001		557399 553786		552854		557684	550992	557655	560245 560143	557958	553784
CD21/CD35 (CR2/CR1)	7G6	Ms					553818		552957						552957					558658				
CD22.2 (Lyb-8.2)	Cy34.1	Ms					557474		553384						553384									553382
CD22 (PY822)	12a/CD22	Ms						560075	560076						560076									
CD23 (FceRII)	B3B4	Ms					553138		553139						553139									553137
CD24 (Heat Stable Antigen)	M1/69	Ms					553261		553262	560536					553262		560536							553260
CD25 (IL-2 Receptor α chain, p55)	3C7	Ms					558689		553075						553075					558643				
	7D4	Ms					553071 553072		558642						558642									553069 553070
	PC61	Ms							553866	552880			551071		553866		552880			557192	557658			
CD26 (THAM, DPP IV)	H194-112	Ms					559652																	
CD27	LG.3A10	Ms†							558754						558754					560691				558753
CD28	37.51	Ms							553297						553297									553296
CD29 (Integrin β ₁ chain)	Ha2/5	Ms†					555005																	555004
CD30	mCD30.1	Ms							553825						553825									553824
CD31 (PECAM-1)	390	Ms					558738																	558737
	MEC 13.3	Ms					553372		553373						553373					551262				553371
CD34 (Mucosialin)	RAM34	Ms					560238 553733		551387						551387				560233 560230				560518	
CD38	90	Ms					558813		553764						553764									553762
CD40	3/23	Ms					553790		553791						553791					558695				553789
CD40	HM40-3	Ms†					553723																	
CD41 (Integrin α _{IIb} chain)	MWRReg30	Ms					553848		558040						558040									
CD43 (Ly-48, Leukosialin)	S7	Ms					553270		553271						553271					560663				553269



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Product Name	Clone	Reactivity	Emission Max		AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	Biotin	
			452 nm	448 nm																				500 nm
CD44 (Pgp-1, H-CAM, Ly-24)	IM7	Ms		560452 560451	560781 560780		553133		553134	560569		560570	553135	553134		560569	553135		559250	560568		560567	553132	
CD45 (Leucocyte Common Antigen, Ly-5)	30-F11	Ms		560501			553079 553080		553081	552848		557235	550994	553082	553081		552848	553082		559864	557659		560510	553077 553078
CD45.1 (Ly-5.1)	A20	Ms		560520			553775		553776	560578		560580		553776		560578			558701	560579			553774	
CD45.2 (Ly-5.2)	104	Ms		560697			553772		560695	560696		552950		560695		560696			558702	560694		560693	553771	
CD45R/B220	RA3-6B2	Ms†	558108	560473 560472			553087 553088	557669	553089 553090	552772	551489	553093	552771	553091	553089 553090	551489	552772	553091	557683	553092	552094		557957	553085 553086
CD45RA	14.8	Ms							553380					553380									557460	
CD45RB	16A	Ms					553099 553100		553101					553101									553097 553098	
CD45RC	DNL-1.9	Ms							557357					557357										
CD47 (IAP)	miap301	Ms					555298																	
CD48 (BCM1)	HM48-1	Ms					557484		557485	560731				557485		560731								
CD49b (Integrin α ₄ chain)	HMα2	Ms							558759					558759						558295				
	Ha1/29	Ms†					554999																	
CD49b/Pan-NK Cells	DX5	Ms					553857		553858					553858						560628			553856	
CD49d (Integrin α ₄ chain)	9C10 (MRF4.B)	Ms							557420					557420									557419	
	R1-2	Ms					553156		553157					553157									557406	
CD49e (Integrin α ₄ chain)	5H10-27	Ms							557447					557447									557446	
CD49f (Integrin α ₄ chain)	GoH3	Ms†					555735		555736				551129	555736			551129							
CD51 (Integrin α ₅ chain)	RMV-7	Ms							551187					551187									551380	
CD54 (ICAM-1)	3E2	Ms					553252		553253					553253									553251	
CD55 (DAF)	RIKO-5	Ms							558037					558037										
CD61 (Integrin β ₃ chain)	2C9.G2	Ms†					553346		553347					553347									553345	
CD62E (E-selectin, ELAM-1)	10E9.6	Ms							553751					553751									553750	
CD62L (L-selectin, LECAM-1, Ly-22)	MEL-14	Ms		560507			553150		553151	560516		560513		553151		560516			553152	560514		560517	553149	



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		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
CD62P (P-selectin)	RB40.34	Ms					553744																	553743	
CD64 a and b Alloantigens	X54-5/7.1	Ms																	558539						
CD64.1	X54-5/7.1.1	Ms							558455						558455										
CD69 (Very Early Activation Antigen)	H1.2F3	Ms		560690			557392 553236		553237	552879			551113		553237		552879			560689					553235
CD70	FR70	Ms							555286						555286										555285
CD71 (Transferrin Receptor)	C2	Ms					553266		553267						553267										557416
CD72 a, b, and d Alloantigens (Lyb-2.1, Lyb-2.2, Lyb-2.4)	K10.6	Ms					550966																		
CD72 b and c Alloantigens (Lyb-2.2 and Lyb-2.3)	JY/93	Ms							550269						550269										
CD73 (Ecto-5-nucleotidase)	TY/23	Ms							550741						550741										
CD74 (II)	In-1	Ms					555318																		
CD79b (Igβ)	HM79b	Ms					555303																		
CD80 (B7-1)	16-10A1	Ms†		560523 BD			553768		553769				560526		553769						560016				553767
CD81 (TAPA-1)	Eat2	Ms†							559519						559519										559518
CD83	Michel-19	Ms							558205						558205						558206				
CD86 (B7-2)	GL1	Ms		560450 560449			553691		553692	560582					553692		560582				558703			560581	553690
CD90.1 (Thy-1.1)	OX-7	Ms†					554897		551401 554898			557266			551401 554898										554896
	HIS51	Ms†					554894																		554893
CD90.2 (Thy-1.2)	30-H12	Ms					553012 553013		553014						553014										553011
	53-2.1	Ms					553003 553004		553005 553006						553005 553006						553007				553001 553002



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		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	
CD95 (Fas/APO-1)	Jo2	Ms					554257		554258	557653					554258		557653							554256
CD102 (ICAM-2)	3C4 (m1C2/4)	Ms					557444																	557441
CD103 (Integrin α_{EL} chain)	M290	Ms					557494		557495						557495									557493
	M293	Ms					557497		557498						557498									
CD106 (VCAM-1)	429 (MVCAM.A)	Ms					553332																	553331
CD107a (LAMP-1)	1D4B	Ms		560648			553793		558661	560647					558661		560647			560646				
CD107b (LAMP-2)	ABL-93	Ms					558758																	
CD117 (c-Kit)	2B8	Ms		560558			553354		553355	558163			560557		553355		558163			553356		560250	560185	553353
	ACK45	Ms							553869						553869									
CD120b (TNF Receptor, Type II/p75)	TR75-89	Ms							550086						550086									550476
CD121a (IL-1 Receptor, Type II/p80)	35F5	Ms							557489						557489									
CD121b (IL-1 Receptor, Type II/p60)	4E2	Ms							554450						554450									
CD122 (IL-2 and IL-15 Receptor β chain)	5H4	Ms					554452																	
	TM-b1	Ms					553361		553362						553362									559884
CD124 (IL-4 Receptor α chain)	mIL4R-M1	Ms							552509						552509									552508
CD125 (IL-5 Receptor α chain)	T21	Ms						558533	558488						558488									
CD126 (IL-6 Receptor α chain)	D7715A7	Ms							554462						554462									
CD127 (IL-7 Receptor α chain)	SB/199	Ms							552543	560733					552543		560733							
CD131 (β_{L-30} , β_L)	JORO50	Ms							559920						559920									
CD132 (Common γ chain, γ_C)	4G3	Ms							554457						554457									
	TUGm2	Ms							554471						554471									554470



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		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	
CD135 (Flk-2/Flt3, Ly-72)	A2F10.1	Ms							553842						553842					560718				
CD137 (4-1BB, Ly-63)	1AH2	Ms					558975		558976						558976									558974
CD138 (Syndecan-1)	281-2	Ms							553714						553714					558626				553713
CD140b (pY1009) (PDGF Receptor β)	J25-650	Ms†							558322						558322				558323					
CD140b (pY1021) (PDGF Receptor β)	J105-412	Ms†						558419	558417						558417				558418					
CD140b (pY771) (PDGF Receptor β)	J23-1044	Ms						558424	558426						558426				558425					
CD140b (pY857) (PDGF Receptor β)	J24-618	Ms†						558427	558429						558429				558428					
CD152 (CTLA-4)	UC10-4F10-11	Ms							553720						553720									
CD153 (CD30 Ligand)	RM153	Ms							559232						559232									
CD154 (CD40 Ligand, gp39)	MR1	Ms							553658						553658									553657
CD157 (BP-3 Alloantigen)	BP-3	Ms							552814						552814									
CD162 (PSGL-1)	2PH1	Ms							555306						555306									
CD172a (SIRPα, SHPS-1, BIT)	P84	Ms					560316		560107						560107					560106				
CD178 (Fas Ligand, CD95 Ligand)	MFL3	Ms							555293						555293									555292
CD178.1 (mFasL.1, CD95 Ligand)	Kay-10	Ms							553854						553854									553853
CD184 (CXCR4, Fusin)	2B11/CXCR4	Ms					551967		551966						551966					558644				551968
CD193 (CCR3)	83103	Ms																	557974					
CD195 (CCR5)	C34-3448	Ms							559923						559923									559922
CD196 (CCR6)	140706	Ms																	557976					
CD210 (IL-10 Receptor)	1B1.3a	Ms							559914						559914									
CD212 (IL-12 Receptor β chain)	114	Ms							551974						551974									551973



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CD223 (LAG3)	C9B7W	Ms							552380						552380									
CD229.1 (Ly-9.1)	30C7	Ms					553117		560201						560201					560188				557363
CD244.2 (2B4 B6 Alloantigen)	2B4	Ms					553305		553306						553306									557452
CD267 (TACI)	8F10	Ms							558410						558410				558453					
CD273 (B7-DC, PD-L2)	TY25	Ms							557796						557796					560086				
CD274 (B7-H1, PD-L1)	MIH5	Ms							558091						558091									
CD278 (ICOS)	7E.17G9	Ms							552146						552146									552145
CD279 (PD-1)	J43	Ms							551892						551892									
CD284/MD-2 Complex (TLR4/MD-2 Complex)	MTS510	Ms							558294						558294									
CD314 (NKG2D)	CX5	Ms							558403						558403									
CXCR5	2G8	Ms					560577 		551959	560617 		560528 			551959	560617 			560615 					551960
Dendritic Cells	33D1	Ms							557578						557578									552776
DO-11.10 Clonotypic TCR	KJ1-26	Ms							551772						551772									
Early B Lineage	AA4.1	Ms					559156		558039						558039									
FR4	12A5	Ms							560320						560320					560318				
	TH6	Ms							560324						560324					560319				
GITR	DTA-1	Ms					558139	558119	558140					558119		558140								
H-2K ^b	AF6-88.5	Ms					553569	553570						553570										553568
H-2D ^b	KH95	Ms					553573	553574						553574										553572
H-2D ^d	34-2-12	Ms					553579	553580						553580										553578
	34-5-8S	Ms						558917						558917										
H-2D ^k	15-5-5	Ms				553585																		
H-2K ^b /H-2D ^b	28-8-6	Ms																						553576
H-2K ^d	SF1-1.1	Ms					553565	553566						553566										553564
H-2K ^k	36-7-5	Ms					553592	553593						553593										553591
	AF3-12.1	Ms					553554																	



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BD Multicolor Antibody Reagents Catalog **Mouse Antibody Reagents**

Surface Markers			Violet Laser (405 nm)				Blue Laser (488 nm)							Green Laser (532 nm) / Yellow-Green Laser (561 nm)				Red Laser (640 nm)							
			1		2		1	2	3	4	5		1	2	3	4	1	2		3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin	
		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
H-2K ^a	KH114	Ms					553597																		
H-2K ^s	KH49	Ms					558841																		
I-A/I-E	2G9	Ms					553623		558593						558593										553622
	M5/114.15.2	Ms							557000						557000										
I-A ^b	AF6-120.1	Ms					553551		553552						553552										553550
I-A ^b (A _H ^b)	25-9-17	Ms					553605																		553604
I-A ^d	39-10-8	Ms					553610																		553609
	AMS-32.1	Ms					553547		553548						553548										553546
I-A ^k (A _H ^k)	11-5.2	Ms					553536		553537						553537										558794
I-A ^k (A _H ^k)	10-3.6	Ms					553540																		553539
I-A ^p	7-16.17	Ms					558921																		
	17-3-3	Ms					558846																		558845
I-E ^k	14-4-4S	Ms [†]					553543		553544						553544										558735
							349031*																		
Ig (affinity-purified)	Polyclonal	Ms																							
Ig, κ light chain	187.1	Ms					550003		559940	560667 BD		560668 BD			559940		560667 BD								559750
	X36	Ms							349073*						349073*										
IgA	C10-3	Ms					559354																		
IgD	11-26c.2a	Ms					553439		558597						558597										
IgD ^a (Igh-5a, Igh-5.4)	AMS 9.1	Ms					553507																		553506
IgD ^b (Igh-5b)	217-170	Ms					553510		553511						553511										553509
IgE	R35-72	Ms					553415																		553414
IgG & IgM (human adsorbed)	Polyclonal	Ms					555988																		
IgG ₁	A85-1	Ms					553443		550083						550083										553441
	X56	Ms							340270*			340272*			340270*										550874
IgG _{2a}	R19-15	Ms					553390																		553388 550332
IgG _{2b/2c}	R2-40	Ms					553399																		553398



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			Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
IgG _{2a+b}	X57	Ms							340269*						340271*				340269*						
IgG _{2a} ^a (Igh-1a)	8.3	Ms																							553502
IgG _{2b}	R12-3	Ms					553395																		553393 550333
IgG ₃	R40-82	Ms					553403																		553401
IgM	II/41	Ms					553437													550676					553436
	R6-60.2	Ms		560575 BD			553408		553409	552867			550881		553409		552867								553406
IgM ^b (Igh-6a)	DS-1	Ms					553516		553517						553517										553515
IgM ^b (Igh-6b)	AF6-78	Ms					553520		553521						553521										553519
IL-21 Receptor	4A9	Ms							558607						558607										
LPAM-1 (Integrin $\alpha\beta_1$ complex)	DATK32	Ms							553811						553811										
Ly-6A/E (Sca-1)	D7	Ms		560653 BD			557405		553108	558162					553108		558162					560654 BD			557404
	E13-161.7	Ms					553335		553336						553336										553334
Ly-6C	AL-21	Ms		560594 BD			553104		560592	560593 BD			560525		560592		560593 BD			560595	560596 BD				557359
Ly-6G	1A8	Ms		560603 BD			551460		551461	560601 BD			560602 BD		551461		560601 BD			560599	560600 BD				
Ly-6G and Ly-6C (Gr-1)	RB6-8C5	Ms		560454 560453			553126 553127		553128	552985			552093		553128		552985			553129	557661		557979		553124 553125
Ly-49A ^{b6}	A1	Ms					553677		557424						557424										557423
Ly-49C and Ly-49I	5E6	Ms					553276		553277						553277										557418
Ly-49D	4E5	Ms					555313																		
Ly-49F	HBF-719	Ms							550987						550987										550986
Ly-49G2 (LGL-1)	4D11	Ms					555315			560730 BD							560730 BD			555316					
Ly-49G2 ^{b6}	Cwy-3	Ms					550580																		
Ly-49I	YLI-90	Ms							550595						550595										
Ly-51 (6C3/BP-1 Antigen)	6C3	Ms					553160																		553159



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			1		2		1	2	3	4	5		1	2	3	4	1	2		3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin	
		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
Ly-51 (6C3/BP-1 Antigen)	BP-1	Ms							553735						553735										
Mac-3	M3/84	Ms					553323		553324						553324										
MD-1 (Ly-86)	MD14	Ms																	558204						
NK-1.1 (NKR-P1B and NKR-P1C)	PK136	Ms		560524			553164		557391 553165	552878			551114		557391 553165		552878			550627	560618		560515 BD	553163	
NKG2A/C/E	20d5	Ms					550520																	550519	
NK-T/NK Cell Antigen (ICAM-1)	U5A2-13	Ms							550082						550082										
PIR-A/B	6C1	Ms							550349						550349										
RAE-1	CX1	Ms							558078						558078										
RANKL/TRANCE	IL22-5	Ms							560295						560295				560296						
Streptavidin							554060		554061 349023*	557598	551487	554064 340130*	551419	554062	554061 349023*	551487	557598	554062		554067 349024*	554063				
Siglec-F	E50-2440	Ms							552126						552126										
SSEA-1	MC480	Ms					560127		560142						560142										
SSEA-3	MC631	Ms†					560236		560237						560237										
Syndecan-4	KY/8.2	Ms							550352						550352										550351
T- and B-Cell Activation Antigen (GL7, Ly-77)	GL7	Ms					553666																		
TCR β chain	H57-597	Ms		560706			553170 553171		553172	560729			560657	553173	553172		560729	553173		553174	560656		560705	553168 553169	
TCR γδ	GL3	Ms					553177		553178						553178										553176
TER-119/Erythroid cells (Ly-76)	TER-119	Ms					557915		553673	557853					553673		557853			557909	560509		560508	553672	
Vα2 TCR	B20.1	Ms		560625			553288		553289	560624 BD		560529			553289		560624 BD			560622	560623				553287
Vα3.2 ^{bc} TCR	RR3-16	Ms					553219																		553218
Vα8.3 TCR	B21.14	Ms					553376		553377						553377										
	KT50	Ms																							557096
Vβ2 TCR	B20.6	Ms					553280		553281						553281										553279



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BD Multicolor Antibody Reagents Catalog **Mouse Antibody Reagents**



Surface Markers			Violet Laser (405 nm)				Blue Laser (488 nm)							Green Laser (532 nm) / Yellow-Green Laser (561 nm)				Red Laser (640 nm)							
			1		2		1	2	3	4	5		1	2	3	4	1	2		3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin	
		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
Vβ3 TCR	KJ25	Ms					553208		553209						553209									553207	
Vβ5.1, 5.2 TCR	MR9-4	Ms					553189		553190						553190										553188
Vβ6 TCR	RR4-7	Ms					553193		553194						553194										553192
Vβ7 TCR	TR310	Ms					553215		553216						553216										
Vβ8 TCR	F23.1	Ms					553861		553862						553862										553860
Vβ8.1, 8.2 TCR	MR5-2	Ms					553185		553186						553186										553184
Vβ8.3 TCR	1B3.3	Ms					553663		553664						553664										
Vβ9 TCR	MR10-2	Ms					553201																		
Vβ10 ^b TCR	B21.5	Ms					553284		553285						553285										
Vβ11 TCR	RR3-15	Ms					553197		553198						553198										553196
Vβ11.1, 11.2 ^{b,d} TCR	RR8-1	Ms					553222		553223						553223										553221
Vβ12 TCR	MR11-1	Ms					553300																		553299
Vβ13 TCR	MR12-3	Ms					553204																		
Vβ14 TCR	14-2	Ms					553258																		553257
Vβ17 ^a TCR	KJ23	Ms					553212																		
Vδ4 TCR	GL2	Ms					552143																		
Vδ6.3/2 TCR	8F4H7B7	Ms							555321						555321										
Vγ2 TCR	UC3-10A6	Ms					553226																		
Vγ3 TCR	536	Ms					553229																		



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BD Multicolor Antibody Reagents Catalog **Mouse Antibody Reagents**

Intracellular Cytokines and Chemokines			Violet Laser (405 nm)				Blue Laser (488 nm)							Green Laser (532 nm) / Yellow-Green Laser (561 nm)				Red Laser (640 nm)							
			1		2		1	2	3	4	5		1	2	3	4	1	2		3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin	
		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700		
GM-CSF	MP1-22E9	Ms							554406						554406										
IFN-γ	XMG1.2	Ms		560661			554411	557724	554412	557649			560660		554412		557649		557735	554413				557998	554410
IL-1-α	ALF-161	Ms						559810							559810										
IL-2	JES6-5H4	Ms		560546			554427	557725	554428	560538			560544		554428		560538			554429	560547	BD			554426
IL-3	MP2-8F8	Ms							554383						554383										
IL-4	11B11	Ms		560701				557728	554435	560699	BD		560700	BD	554435		560699	BD	557739	554436					
	BVD4-1D11	Ms							554389						554389										
IL-5	TRFK5	Ms†							554395						554395					554396					
IL-6	MP5-20F3	Ms							554401						554401										
IL-10	JES5-16E3	Ms					554466		554467						554467					554468					554465
IL-12 (p40/p70)	C15.6	Ms					560564	BD	554479						554479					554480					
IL-17A	TC11-18H10	Ms		560522				560221	559502						559502				560224	560184					
MCP-1	2H5	Ms†							554443						554443										
TNF	MP6-XT22	Ms		560655			554418	557719	554419	557644			560659		554419		557644		557730	554420	560658	BD		558000	
TNF	TN3-19.12	Ms†							559503						559503										



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Intracellular Cell-Signaling and Transcription Factors			Violet Laser (405 nm)				Blue Laser (488 nm)							Green Laser (532 nm) / Yellow-Green Laser (561 nm)				Red Laser (640 nm)						
			1		2		1	2	3	4	5		1	2	3	4	1	2	3					
Product Name	Clone	Reactivity	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm	660 nm	785 nm	785 nm	719 nm	Biotin
		Emission Max	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	
AKT (pT308)	J1-223.371	Ms†							558275						558275									
Bcl-2	3F11	Ms					554221		556537						556537									
BLNK (pY84)	J117-1278	Ms†						558444	558442						558442				558443					
BLNK (SLP-65, BASH, BCA)	2B11	Ms†						558693	558688						558688				558692					
Caspase-3, Active Form (CPP32)	C92-605	Ms†		560627			559341		550821						550821				560626					550557
	Polyclonal	Ms†							557091						557091									557038
c-Cbl (pY700)	47/c-Cbl	Ms†						558101	558087						558087				558100					
Cyclin B1 (a.a 1-21)	GNS-1	Ms†					554108		550783						550783									
eNOS	33/eNOS	Ms†							560103						560103				560102					
ERK1/2 (pT202/pY204)	20A	Ms†	560314					612592	612566	560116			560115		612566		560116		612593					
ERK2	G263-7	Ms†						558525	558530						558530				558526					
Flk-1 (VEGF-R2, Ly-73)	Avas 12α1	Ms					560680		555308				560681		555308					560070			560640	
Foxp3	MF23	Ms						560407	560414	560408					560414	560408			560402	560401				
Ki-67	B56	Ms†					556026		556027						556027									
Lck	MOL 171	Ms†						558504	558496						558496				558505					
GATA4	L97-56	Ms†						560330	560328						560328				560400					
MEK1	25/MEK1	Ms†							560099						560099				560101					
Nanog	M55-312	Ms						560278	560277						560277				560279					
Nestin	25/NESTIN	Ms†																	560393					
Notch1	mN1A	Ms†							552768						552768									
Oct3/4	40/Oct-3	Ms†						560253	560186						560186				560329					
p38 MAPK (pT180/pY182)	36/p38 (pT180/pY182)	Ms†	560313					612594	612565	560241			560406		612565		560241		612595					
p53	G59-12	Ms†					557026		557027						557027									
PARP, Cleaved Form (Asp 214)	F21-852	Ms†					558576		552933						552933				558710				560640	
Phosphotyrosine	PY20	Ms†							558008						558008									



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			1		2		1	2	3	4	5		1	2	3	4	1	2		3				
			Emission Max	452 nm	448 nm	500 nm	491 nm	519 nm	519 nm	578 nm	785 nm	615 nm	678 nm	695 nm	667 nm	578 nm	615 nm	785 nm	667 nm	668 nm		660 nm	785 nm	785 nm
Product Name	Clone	Reactivity	Pacific Blue™	BD Horizon™ V450	BD Horizon™ V500	AmCyan	FITC	Alexa Fluor® 488	PE	PE-Cy7	PE-Texas Red®	PerCP	PerCP-Cy5.5	PE-Cy5	PE	PE-Texas Red®	PE-Cy7	PE-Cy5	Alexa Fluor® 647	APC	APC-Cy7	BD APC-H7	Alexa Fluor® 700	
PKCα(pT497)	K14-984	Ms†						560139	560141						560141					560140				
PLC-γ2	K86-1161	Ms†						560135	560134						560134					560136				
Rb (a.a. 332-344)	G3-245	Ms†					556538																	
Rb, underphosphorylated (a.a. 514-610)	G99-549	Ms†					550501		550502						550502									
S6 (pS244)	N5-676	Ms†							560462						560462					560465				
Sox2	245610	Ms†						560301 560292	560291						560291					560302				
Stat1 (pY701)	14/P-STAT1	Ms†	560310																					
	4a	Ms†						612596	612564				560113		612564					612597				
Stat3 (pY705)	4/P-STAT3	Ms†	560312					557814	612569				560114		612569					557815				
Stat4 (pY693)	38/p-Stat4	Ms†						558136	558249						558249					558137				
Stat5 (pY694)	47	Ms†	560311					612598	612567	560117			560118		612567		560117			612599				
Stat6 (pY641)	J71-773 .58.11	Ms						558243	558252						558252					558242				
Syk (pY348)	I120-722	Ms†						560081	558529						558529									
Zap-70 (pY319)/Syk (pY352)	17a/ P-ZAP70	Ms†						557818	557881						557881					557817				



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Bright colors denote new or soon-to-be released products.

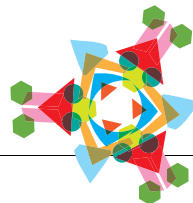
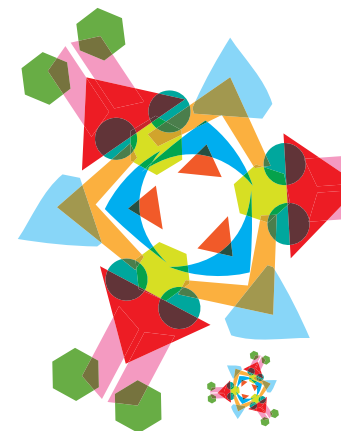
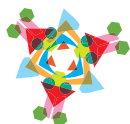
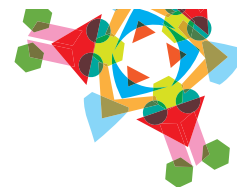


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* RUO (GMP) status reagents

† Symbol denotes multiple reactivities. To view all reactivities, please find the technical data sheet online at bdbiosciences.com.

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APC-Cy7: US patent 5,714,386

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23-10974-01

