

**SNPRC Immunology Core Laboratory**  
**Crossreactivity of anti-human antibodies**

MB: Miltenyi Biotec	BD: BD-biosciences	Ortho: Ortho Diagnostic	US Bio: US Biological
BC: Beckman Coulter	U-Cy: U-Cytek	Dako: Dako	
Biol: Biologend	InV: Invitrogen	NIH-NHPRR: NIH non-human primate repository reagent	
Biomeda: Biomeda Corporation	GT: Gene Tex	Mbi: Maine Biotech	
CS: Cell Sciences	AbCam: ABCam	Biosource	
SC-Bio: Santa Cruz Biotechnology	MBL: MBL International	Th-Pce: Thermo- Pierce	
Sero: Serotec	e-Bio: e-Bioscience	LV: Lab Vision	
Cymbus: Cymbus biological	NB: Novus Biological	R&D: R&D Sytems	
MWRD: Veterinary Medical Research & Development, Inc.		CPI: CellPro Inc.	

Marker	Clone	Company	NHP									
			Chimpanzee	Rhesus	Baboon	Cynomolgous	AGM	PTM	Marmoset	Tamarin	Squirrel Monkey	
abTCR	T10B9.1A-31	BD	+									No
CD1c (BDCA-1)	AD5-8E7	MB	+	+(Dim)	+(Dim)							
CD2	T11	BC	+	+	+					+		+
	RPA-210	Biol	+	+						+		+
CD3	10D12	MB				+				No	No	
	5K7	BD	+	No	No		No	No	?			
	FN-18 <sup>#</sup>	U-Cy	No	+	+		+	+	No			
	SP34	BD	+	+	+	+	+	+	+			+
	APA1/1	Upstate				No						No
	SP34-2	BD	+	+	+	+	+	+	+	+	+	+
CD4	19Thy5D7	NIH-NHPRR		+(Dim)	+(Dim)					No		
	MT466	MB				+				No	+(Dim)	
	S3.5	InV	+	No	No				?			
	OKT4	Ortho	+	+	No							
	OKT4	Biol	+	+	No	+				No		No
	M-T477	BD	+	+	+	+			?			
	13B 8.2	BC	+	No	+	No				+		No
	RPA-T4	BD	+			+						No
	SK3	BD	+	No		No						No
	MT310	Dako	+	+(dim)	+	+				+(Dim)	+(Dim)	No
CD8a	L200	BD	+	+	+	+	+	+	+	+	+	+
	7Pt-3F9	NIH-NHPRR		+	+					No		
	BW135/80	MB				+				No	No	
	LT8	Sero	?	?	?	+?	?	?	+	+	+	
	B9.11	BC		+		+				No		
	CBL131P	Cymbus				+?				+(Dim)	No	
	3B5	InV	+	+	+	+	+	+	+	No		+
	RPA-T8	Biol	+	+		+				No		No
	HIT8a	Biol	+	No		No				+		No
	SK-1	BD	+	+	+	+				No		No
CD8b	DK25	Dako	+	+	+	+				No	No	No
	2ST8.5H7	BC	+	+	+	+	+	+	?			No
CD11a	HI11	BD			+							
CD11b/Mac-1	ICRF44	BD			+							
CD11c	S-HCL-3	BD	+	+	No	+				+		?
	B-Ly6	BD		No	No					?		
	KB90	Dako		No	+					No		?
	3.9	Biol		+		+						+
CD14 <sup>#</sup>	Tük 4	InV	+	+(dim)	No	+				+(Dim)		
	322A-1 (MY4)	BC	+	+	+	+				+		+
	TUK 4	Dako		+(dim)	No					+(dim)		No
	MoP9	BD				+						?
	M5E2	BD	+	+	+(dim)	+(dim)				+		+
	M-M9	MWRD		+						+		
CD16 <sup>#</sup>	Leu 11a	BD		No	No							
	Leu 11b	BD		No	No							
	3G8	BC	+	+	+		+	+	+			
	3G8	InV	+	+	+	+	+	+	+			
	3G8	BD	+	+	+	+	+	+	+			
	3G8	Biol	+	+	+	+						+
	DJ130C	Dako	+	+	+	+						No

**SNPRC Immunology Core Laboratory**  
**Crossreactivity of anti-human antibodies**

CD19	HIB19	Biol	+	No	No	No				No	No	No
	HD37	Dako		No	No	No			No	No	No	No
	J3-119	BC		+								
CD20	LT20	MB				+			No	+		
	H299 (B1)	BC	+	+	+	+			+	+	+	+
	L27	BD	+			+ (dim)						No
	2H7	BD	+	+	+	+			No			
	2H7	Biol	+	+	+	+			No			+
	2H7	eBio		+	+							
	B-Ly1	Dako	+	+	+				+	+		+
CD21	BU 32	BD		?		?						
CD24	ML15	Biol			+							
CD25	4E3	MB							+?	+?		
	Mem-181	Sero		+								
	2A3	BD	+	+	+	+	+	+				
	M-A251	BD	+	+	+			+	+			
	BC96	Biol	+	+	+	+						+?
	ACT-1	Dako	+	No	+	+			No	+?		+
CD27	M-T271	BD	+	+	+	+			+			+
	323	eBio		+	+	+						+
CD28	15E8CLB-402	InV		No								
	CD28.2	Biol	+	+	+	+						+
	CD28.2	BC	+	+	+							
	CD28.2	BD	+	+	+	+	+	+	No			
	CD28.1	Dako		+	+				No	No		
CD29	HUST-21	BD			+							
CD31	WM59	Biol		+	+	+	+		?			No
CD34 <sup>#</sup>	563	BD		+	+	+			No			+?
	12.8	CPI			+							
	QBEnd10	DAKO			No				?			
	Immu133	BC			No							
	Immu409	BC			No							
	QBEnd10/Immu133/ Immu409	LV			No				?			
	581	LV			No							
CD38	NIH-NHPR	NKT-10		+								+
CD40	mAb89	BC	+	+	+	+						
	5C3	BD	+	+	+	+						+
CD41	HIP8	Biol			+							
CD44	IM7	Biol		+	+	+			No			+
CD45*	HI30	BD		No*	No*	No			?			
	HI30	InV		+?		+?			No			
	D058-1283	BD		+	+	+			No			No
CD45RA	5H9	BD	+			+			+			
	MEM 56	InV	+	+	+	+						
CD45RO	UCHL-1	BD	+	No		No			+			+?
CD49d	9F10	BD	+	+	+	+						
	9F10	Biol		+	+	+			+			+
CD54	HA58	BD			+							
	HA58	Biol			+							
	HCD54	Biol	+			?						No
CD56	B159	BD	+	+ (w. monos)	+	+			No			No
	MEM-188	InV				+						
	MY31	BD	+	+ (w. monos)	+							
	HCD56	Biol	+		+							
	NKI-nbl-1	InV	?	No	No							
CD57	TB01	InV	?	No	No							
CD62E	BBIG-5	R&D			+							
	Polyclonal	R&D			+@							
CD62L	FMC46	Dako		+	+	+						+?
	FMC46	Sero		+	+							+?
	DREG-56	Biol	+			No			No			?
	SK11	BD		+	+							

**SNPRC Immunology Core Laboratory**  
Crossreactivity of anti-human antibodies

CD64	M22	Mbi		+ (better)	+					No		
	32.2	MBi		+	+					No		
CD66	B1.1/CD66	BD	+	+	?							
CD69 <sup>o</sup>	CH/4	Sero	+	+	+					?		
	CH/4	InV	+			+						+
	FN50	BD	+	+	+	+				No		
	FN50	Biol	+	+	+	+						+?
	FN50	Dako		+	+	+					No	
CD71 <sup>o</sup>	BG24	CS	No	No								
	B331	Biomeda	+ for B cells	+ for B cells								
CD80	DAL-1	InV	+	+								
CD83	HB15	InV	?	No	No							
	HB15a	BC	+	+	+	+						+
	HB15e	BD	+	+	+							
CD86	BU63	InV	+	+	No	+						No
	IT2.2	BD&Biol	+	+	+	+				+	+	+?
	FUN-1 (2331)	BD	+	+	+	+				+	+	
	BU63	Dako		No	No							
CD90	5.00E+10	Biol			+							
CD94	131412	R&D		No	No	No						
	HP-3B1	BC		No	No	No	No	No	No			
CD95	DX2	BD	+	+	+	+	+	+	+			No
	LOB 3/17	Sero	+		?							+
CD106	5K267	US Bio			+							
CD107a	H4A3	BD	+	+	+			+	+	?		
CD107b	Clone H4B4	BD		?								
CD117	104D2	BD			No							
	YB5.B8	BD			+							
CD123	7G3	BD	+	+	+	+				No		?
CD133-1	AC133	MB			No	?						
CD133-2	293C3	MB			No							
	ac141	MB			+							
CD134	ACT35	Biol	+		No	?				?		
	ACT35	InV		+								
CD141 (BDCA-3)	AD5-14H12	MB	+	+	No							
CD144 (VE-cadherin)	F-8**	SC-bio			+							+(Dim)
	123413	R&D			No							
	BV9	SC-bio			?							+(Dim)
CD146	Q379c	GT			+(Dim)							
	C264	AbCam			No							
	P1H12	BD			+							
	128018	R&D			+							
CD152	BNI3.1	BD			+	?						No
CD154	TRAP1	BC	+	+	+							
	5F3	MBL				+						+?
NKG2A (CD159a)	131411	R&D		No								
	Z199	BC	+	+	+	+	+	+	+			No
NKG2C (CD159c)	134522	R&D	+	+	+	+				No		?
	134591	R&D	+	No	No					?		
CD161	DX12	BD	+	No	No	No				No		No
	B199.2	Sero										+?
	HP-3G10	MBL	+	+	+							
	191B8	BC		No	No							
CD162	KPL-1	BD			+							
CD163	MAC 2-158	MBi	+	+ (better)	+					?		
	MAC 2-48	MBi	+	+	+							+(Dim)
CD184 (CXCR4)	12G5	Biol			+							
	12G5	AbCam			+	+						
CD195 (CCR5)	3A9	BD		+	+	+	+	+	+			+
CD197 (CCR7)	150503	R & D		+	+	+						+
CD244 (p38)	C1.7	BC		No	No		No	No	No			
CD253 (TRAIL)	RIK-2	BD	+	+	+							+?
CD267 (TAC1)	1A1-K21-M22	BC	+							+		

**SNPRC Immunology Core Laboratory**  
**Crossreactivity of anti-human antibodies**

CD274 (B7, PDL-1)	29E-2A3	Biol	+			?	+		+		+
CD279 (PD-1)	EH12.2H7	Biol	+			?			+		+
CD303 (BDCA-2)	AC144	MB	+(Dim)	No	No						
CD304 (BDCA-4)	AD5-17F6	MB	+	No	No						
CD314 (NKG2D)	ON72	BC	+	+	+	+	+	+	+		+
	149810	R&D		+	+						
CD335 (Nkp30)	BAB281	BC	+	+	+			+	+	+	+
CD337 (Nkp30)	Z25	BC	+	+	+			+	+	+	+
MHC class I (HLA-A,B,C)	TU149	InV	+	+	+						+
	W6/32	BD	+	+	+						
MHC class II (HLA-DR)	Tü 36	InV	+	+	+						+
	B8.12.2	BC		+							+
	L243	BD	+	+	+	+	+	+	+		+
IL-4	8D4-8	BD	+	+							
	MP4-25D2	InV		No	No						
IFN-g	4C8-H6C6	Biosource	?	No	No						
	4S.B3	BD	+	+	+						
	25 723.11	BD	?	No	No						
	B27	InV		No	No						
Ki-67	MD1	U-Cy	+	+	+						
	B56	BD	+	+	+	+	+	+	+		+
TNF-a	MAB11	BD	+	+	+						
RANTES	2D5	BD		+							
Foxp3	259D	Biol	+	+	+	+				+	+
	hFOXY	eBio		+	+					+	
gdTCR	B1.1	eBio	+			+					
	B1	Biol	+	+		+					
	5A6.E9	InV	+	+	+	+					No
IL-2	MQ1-17H12	BD		+							
IL-4	8D4-8	BD		+							
IL-6	MQ2-6A3	BD		+							
IL-8	G265-8	BD		+							
IL10 (rat)	JES3-9D7	BD		+	+						
IL12	C8.6	InV									
IL-15Ra	151307	R&D		?	No						
IL-16	14.1	BD		+							
MCP-1	5D3-F7	BD		+							
MIP-1a	11A3	BD		+							
VEGFR2 (KDR)	89105	R&D			No						
	KDREWC	NB			+/-						
	Polyclonal (AF357)	R&D			+						
Vd1	TS8.2	Th-Pce	+			+					?
Vd2	15D	Th-Pce	+	+		+					No
	B6	Biol	+	+		?					
Vg9	B3	BD	+			+					No
	B3	Biol	+			?	+				No
V-CAM 1	BBA19	R&D			No						
	Polyclonal	R&D			No						
I-CAM-1	BBA17	R&D			+						
	Polyclonal	R&D			+@						