

Human CD Antigen Expression

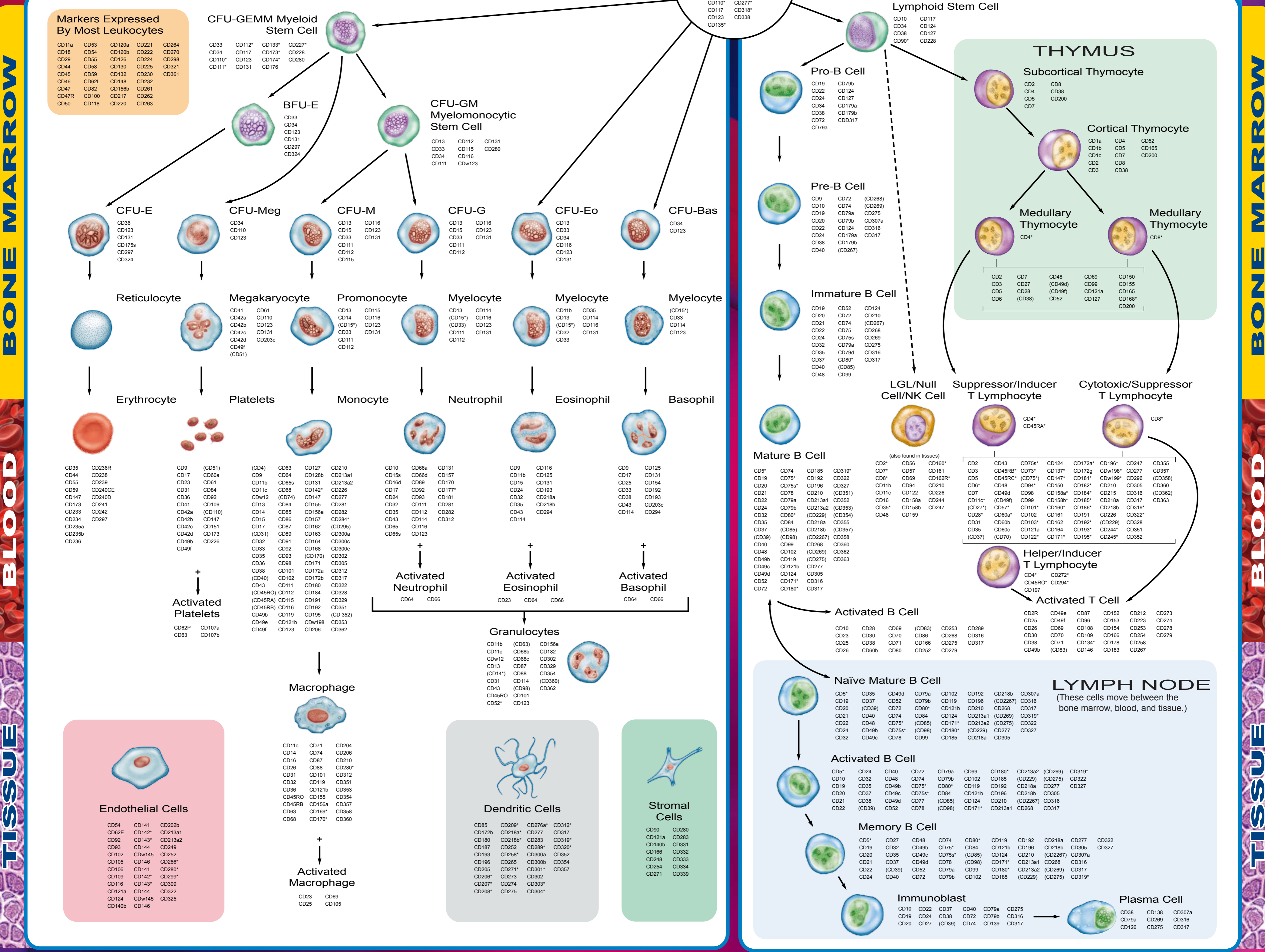


A Division of MorphoSys

HLDA9

MYELOID

LYMPHOID



CD	Main Antigen Expression	Other Names	CD	Main Antigen Expression	Other Names	CD	Main Antigen Expression	Other Names	CD	Main Antigen Expression	Other Names	CD	Main Antigen Expression	Other Names
CD1A	Cortical Thymocytes (sp), B cell subset, Dendritic cells, Langerhans cells		CD262	Lymphocytes, Monocytes, NK cells	L-Selectin, LECAM-1	CD217	Lymphocytes, Neutrophils, Dendritic cell subset	IL-18R3	CD303	Dendritic cell subset	BDC2A	CD304	Dendritic cell subset	BDC2A
CD1b	Cortical Thymocytes (med), B cell subset, Dendritic cells, Langerhans cells		CD263	Activated Platelets, Endothelial cells	P-Selectin, LECAM-3	CD218	Broad	Insulin Receptor	CD305	NK cells, T cells, B cells, Monocytes	LAR-1	CD306	Pulvise secreted protein	LAR-2
CD1c	Cortical Thymocytes (weak), B cell subset, Dendritic cells, Langerhans cells		CD264	Monocytes	FR1	CD219	Broad	IGF-2 Receptor, Mannose 6-phosphate Receptor	CD307a	B cell subset	FCRL2	CD307b	B cell subset	FCRL2
CD2	T cells, NK cells	LFA-2, E-Rosette Receptor	CD265	Neutrophils, Monocytes	Biliary Glycoprotein	CD220	Activated T cells, Activated NK cells	LAG-3	CD307c	B cell subset	FCRL3	CD307d	B cell subset	FCRL3
CD2R	Activated T cells		CD266	Neutrophils, Colon carcinoma	CGM5	CD221	Leucocytes, Stem cells	Leu-13	CD307e	B cell subset	FCRL4	CD307f	B cell subset	FCRL4
CD3	T cells		CD267	Neutrophils, Colon carcinoma	NCA	CD222	T cells, NK cells, Monocytes, Platelets	DNAH11	CD307g	B cell subset	FCRL5	CD307h	B cell subset	FCRL5
CD4	Helper-inducer T cells, Monocytes, Macrophages		CD268	Neutrophils, Colon carcinoma	CDM1	CD223	Stem cells, Melanoma cells	Melanotransferin	CD308	Endothelial cells, Stem cell subsets	VEGFR1, FLK1, KDR	CD309	Endothelial cells, Stem cell subsets	VEGFR2, FLK1, KDR
CD5	T cells, B cell subset		CD269	Neutrophils, Colon carcinoma	CEA	CD224	Stem cells, Melanoma cells	Y-l9	CD310	Reserved for EHRM1		CD311	Reserved for EHRM1	
CD6	T cells, B cell subset		CD270	Neutrophils, Colon carcinoma	Pregnancy Specific Glycoprotein	CD225	Stem cells, Melanoma cells	Protein Phosphatase	CD312	Reserved for EHRM2		CD313	Reserved for EHRM2	
CD7	T cells		CD271	Neutrophils, Colon carcinoma	See CD66	CD226	Stem cells, Melanoma cells	VE-CADHERIN	CD314	NK cells, T cell subset	NG2D	CD315	B cell subset, Activated monocytes	CD91, SAMP6
CD8	Cytotoxic/Suppressor T cells, NK cells		CD272	Neutrophils, Colon carcinoma	See CD66	CD227	Stem cells, Melanoma cells	MUC18/5-endo	CD316	B cells, T cells, NK cells (weak)	EW12, IGF8F	CD317	B cells, T cells, Monocytes, NK cells, Dendritic cells	BST2, HML24
CD9	Platelets, Monocytes, Pre-B cells		CD273	Neutrophils, Colon carcinoma	See CD66	CD228	Stem cells, Melanoma cells	Neuroleulin/Basigin	CD318	B cells, T cells, Monocytes, NK cells, Dendritic cells	CD319, SAMP13	CD319	NK cells, T cell subset, B cell subset, Dendritic cell subset	CRCC, SLAMF7
CD10	Pre-B cells, Granulocytes		CD274	Neutrophils, Colon carcinoma	See CD66	CD229	Stem cells, Melanoma cells	CD40 Ligand	CD320	Follicular dendritic cells	8D6	CD321	Follicular dendritic cells	8D6
CD11a	Granulocytes, Monocytes, NK cells		CD275	Neutrophils, Colon carcinoma	See CD66	CD230	Stem cells, Melanoma cells	ADAM9	CD322	Neutrophils, Monocytes, DC subset, Macrophages	EMR2	CD323	Activated lymphocytes	
CD11b	Granulocytes, Monocytes, NK cells		CD276	Neutrophils, Colon carcinoma	See CD66	CD231	Stem cells, Melanoma cells	ADAM10	CD324	Reserved for EHRM3		CD325	Reserved for EHRM3	
CD11c	Granulocytes, Monocytes, NK cells		CD277	Neutrophils, Colon carcinoma	See CD66	CD232	Stem cells, Melanoma cells	ADAM11	CD326	NK cells, T cell subset	JAM1, F-11R	CD327	NK cells, T cell subset	JAM2, VE-JAM
CD12	Granulocytes, Monocytes	Aminopeptidase N	CD278	Neutrophils, Colon carcinoma	See CD66	CD233	Stem cells, Melanoma cells	ADAM12	CD328	Reserved for JAM3	E-Cadherin, Cadherin 1	CD329	Reserved for JAM3	E-Cadherin, Cadherin 2
CD13	Granulocytes, Monocytes		CD279	Neutrophils, Colon carcinoma	See CD66	CD234	Stem cells, Melanoma cells	ADAM13	CD330	Neutrophils, Endothelial cells, Erythroblasts	N-Cadherin, Cadherin 2	CD331	Neutrophils, Endothelial cells, Erythroblasts	N-Cadherin, Cadherin 2
CD14	Monocytes		CD280	Neutrophils, Colon carcinoma	See CD66	CD235	Stem cells, Melanoma cells	ADAM17	CD332	Epithelial cells	Ep-CAM	CD333	Epithelial cells	Ep-CAM
CD15	Granulocytes, Monocytes		CD281	Neutrophils, Colon carcinoma	See CD66	CD236	Stem cells, Melanoma cells	ADAM18	CD334	Epithelial cells	Siglec9, OB-SP1	CD335	Epithelial cells	Siglec9, OB-SP1
CD16	Neutrophils	Lewis X	CD282	Neutrophils, Colon carcinoma	See CD66	CD237	Stem cells, Melanoma cells	ADAM19	CD336	NK cells, T cell subset	JAM1, F-11R	CD337	NK cells, T cell subset	JAM1, F-11R
CD17	Neutrophils	Sialyl Lewis X	CD283	Neutrophils, Colon carcinoma	See CD66	CD238	Stem cells, Melanoma cells	ADAM20	CD338	Epithelial cells, Monocytes, B cells, T cell subset	JAM2, VE-JAM	CD339	Epithelial cells, Monocytes, B cells, T cell subset	JAM2, VE-JAM
CD18a	NK cells, Macrophages	FR1a	CD284	Neutrophils, Colon carcinoma	See CD66	CD239	Stem cells, Melanoma cells	ADAM21	CD340	Reserved for JAM4	E-Cadherin, Cadherin 1	CD341	Reserved for JAM4	E-Cadherin, Cadherin 2
CD18b	Granulocytes	FR1b	CD285	Neutrophils, Colon carcinoma	See CD66	CD240	Stem cells, Melanoma cells	ADAM22	CD342	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2	CD343	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2
CD19	Granulocytes, Platelets	Lactosylceramide	CD286	Neutrophils, Colon carcinoma	See CD66	CD241	Stem cells, Melanoma cells	ADAM23	CD344	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2	CD345	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2
CD20	B cells	CD22	CD287	Neutrophils, Colon carcinoma	See CD66	CD242	Stem cells, Melanoma cells	ADAM24	CD346	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2	CD347	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2
CD21	B cells, Subset, Follicular dendritic cells	CR2	CD288	Neutrophils, Colon carcinoma	See CD66	CD243	Stem cells, Melanoma cells	ADAM25	CD348	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2	CD349	Epithelial cells, Erythroblasts	N-Cadherin, Cadherin 2
CD22	B cells		CD289	Neutrophils, Colon carcinoma	See CD66	CD244	Stem cells, Melanoma cells	ADAM26	CD350	Stem cells, Melanoma cells	CD91, SAMP6	CD351	Stem cells, Melanoma cells	CD91, SAMP6
CD23	B cells, Subset, Eosinophils, Platelets	FCR2	CD290	Neutrophils, Colon carcinoma	See CD66	CD245	Stem cells, Melanoma cells	ADAM27	CD352	Stem cells, Melanoma cells	CD91, SAMP6	CD353	Stem cells, Melanoma cells	CD91, SAMP6
CD24	B cells, Granulocytes		CD291	Neutrophils, Colon carcinoma	See CD66	CD246	Stem cells, Melanoma cells	ADAM28	CD354	Stem cells, Melanoma cells	CD91, SAMP6	CD355	Stem cells, Melanoma cells	CD91, SAMP6
CD25	Activated T cells	IL-2R α Chain	CD292	Neutrophils, Colon carcinoma	See CD66	CD247	Stem cells, Melanoma cells	ADAM29	CD356	Stem cells, Melanoma cells	CD91, SAMP6	CD357	Stem cells, Melanoma cells	CD91, SAMP6
CD26	T cell subset, Macrophages		CD293	Neutrophils, Colon carcinoma	See CD66	CD248	Stem cells, Melanoma cells	ADAM30	CD358	Stem cells, Melanoma cells	CD91, SAMP6	CD359	Stem cells, Melanoma cells	CD91, SAMP6
CD27	T cell subset		CD294	Neutrophils, Colon carcinoma	See CD66	CD249	Stem cells, Melanoma cells	ADAM31	CD360	Stem cells, Melanoma cells	CD91, SAMP6	CD361	Stem cells, Melanoma cells	CD91, SAMP6
CD28	Leukocytes		CD295	Neutrophils, Colon carcinoma	See CD66	CD250	Stem cells, Melanoma cells	ADAM32	CD362	Stem cells, Melanoma cells	CD91, SAMP6	CD363	Stem cells, Melanoma cells	CD91, SAMP6
CD29	Leukocytes		CD296	Neutrophils, Colon carcinoma	See CD66	CD251	Stem cells, Melanoma cells	ADAM33	CD364	Stem cells, Melanoma cells	CD91, SAMP6	CD365	Stem cells, Melanoma cells	CD91, SAMP6
CD30	Activated T and B cells, Reed-Sternberg cells	K1	CD297	Neutrophils, Colon carcinoma	See CD66	CD252	Stem cells, Melanoma cells	ADAM34	CD366	Stem cells, Melanoma cells	CD91, SAMP6	CD367	Stem cells, Melanoma cells	CD91, SAMP6
CD31	Platelets, Monocytes, Granulocytes	PECAM-1, Gp1a	CD298	Neutrophils, Colon carcinoma	See CD66	CD253	Stem cells, Melanoma cells	ADAM35	CD368	Stem cells, Melanoma cells	CD91, SAMP6	CD369	Stem cells, Melanoma cells	CD91, SAMP6
CD32	Monocytes, Neutrophils, B cells, Eosinophils	FR1	CD299	Neutrophils, Colon carcinoma	See CD66	CD254	Stem cells, Melanoma cells	ADAM36	CD370	Stem cells, Melanoma cells	CD91, SAMP6	CD371	Stem cells, Melanoma cells	CD91, SAMP6
CD33	Myeloid progenitor cells, Monocytes		CD300	Neutrophils, Colon carcinoma	See CD66	CD255	Stem cells, Melanoma cells	ADAM37	CD372	Stem cells, Melanoma cells	CD91, SAMP6	CD373	Stem cells, Melanoma cells	CD91, SAMP6
CD34	Hematopoietic progenitor cells		CD301	Neutrophils, Colon carcinoma	See CD66	CD256	Stem cells, Melanoma cells	ADAM38	CD374	Stem cells, Melanoma cells	CD91, SAMP6	CD375	Stem cells, Melanoma cells	CD91, SAMP6
CD35	Monocytes, B cells, Granulocytes		CD302	Neutrophils, Colon carcinoma	See CD66	CD257	Stem cells, Melanoma cells	ADAM39	CD376	Stem cells, Melanoma cells	CD91, SAMP6	CD377	Stem cells, Melanoma cells	CD91, SAMP6
CD36	Monocytes, Platelets		CD303	Neutrophils, Colon carcinoma	See CD66	CD258	Stem cells, Melanoma cells	ADAM40	CD378	Stem cells, Melanoma cells	CD91, SAMP6	CD379	Stem cells, Melanoma cells	CD91, SAMP6
CD37	B cells		CD304	Neutrophils, Colon carcinoma	See CD66	CD259	Stem cells, Melanoma cells	ADAM41	CD380	Stem cells, Melanoma cells	CD91, SAMP6	CD381	Stem cells, Melanoma cells	CD91, SAMP6
CD38	Activated T cells, Plasma cells		CD305	Neutrophils, Colon carcinoma	See CD66	CD260	Stem cells, Melanoma cells	ADAM42	CD382	Stem cells, Melanoma cells	CD91, SAMP6	CD383	Stem cells, Melanoma cells	CD91, SAMP6
CD39	B cells, Monocytes		CD306	Neutrophils, Colon carcinoma	See CD66	CD261	Stem cells, Melanoma cells	ADAM43	CD384	Stem cells, Melanoma cells	CD91, SAMP6	CD385	Stem cells, Melanoma cells	CD91, SAMP6
CD40	B cells, Monocytes, Carcinoma cells		CD307	Neutrophils, Colon carcinoma	See CD66	CD262	Stem cells, Melanoma cells	ADAM44	CD386	Stem cells, Melanoma cells	CD91, SAMP6	CD387	Stem cells, Melanoma cells	CD91, SAMP6
CD41	Platelets, Megakaryocytes		CD308	Neutrophils, Colon carcinoma	See CD66	CD263	Stem cells, Melanoma cells	ADAM45	CD388	Stem cells, Melanoma cells	CD91, SAMP6	CD389	Stem cells, Melanoma cells	CD91, SAMP6
CD42a	Platelets, Megakaryocytes		CD309	Neutrophils, Colon carcinoma	See CD66	CD264	Stem cells, Melanoma cells	ADAM46	CD390	Stem cells, Melanoma cells	CD91, SAMP6	CD391	Stem cells, Melanoma cells	CD91, SAMP6
CD42b	Platelets, Megakaryocytes		CD310	Neutrophils, Colon carcinoma	See CD66	CD265	Stem cells, Melanoma cells	ADAM47	CD392	Stem cells, Melanoma cells	CD91, SAMP6	CD393	Stem cells, Melanoma cells	CD91, SAMP6
CD42c	Platelets, Megakaryocytes		CD311	Neutrophils, Colon carcinoma	See CD66	CD266	Stem cells, Melanoma cells	ADAM48	CD394	Stem cells, Melanoma cells	CD91, SAMP6	CD395	Stem cells, Melanoma cells	CD91, SAMP6
CD43	T cells, Granulocytes, Monocytes	Leukosialin	CD312	Neutrophils, Colon carcinoma	See CD66	CD267	Stem cells, Melanoma cells	ADAM49	CD396	Stem cells, Melanoma cells	CD91, SAMP6	CD397	Stem cells, Melanoma cells	CD91, SAMP6
CD44	Leukocytes, Erythrocytes	HCAM, Pgp-1	CD313	Neutrophils, Colon carcinoma	See CD66	CD268	Stem cells, Melanoma cells	ADAM50	CD398	Stem cells, Melanoma cells	CD91, SAMP6	CD399	Stem cells, Melanoma cells	CD91, SAMP6
CD44R1	(Variant dependent upon exon splicing)		CD314	Neutrophils, Colon carcinoma	See CD66	CD269	Stem cells, Melanoma cells	ADAM51	CD400	Stem cells, Melanoma cells	CD91, SAMP6	CD401	Stem cells, Melanoma cells	CD91, SAMP6
CD45	Leukocytes	Leukocyte Common Antigen	CD315	Neutrophils, Colon carcinoma	See CD66	CD270	Stem cells, Melanoma cells	ADAM52	CD402	Stem cells, Melanoma cells	CD91, SAMP6	CD403	Stem cells, Melanoma cells	CD91, SAMP6
CD45RA	B cells, T cell subset, Monocytes		CD316	Neutrophils, Colon carcinoma	See CD66	CD271	Stem cells, Melanoma cells	ADAM53	CD404	Stem cells, Melanoma cells	CD91, SAMP6	CD405	Stem cells, Melanoma cells	CD91, SAMP6
CD45RB	B cells, T cell subset, Monocytes		CD317	Neutrophils, Colon carcinoma	See CD66	CD272	Stem cells, Melanoma cells	ADAM54	CD406	Stem cells, Melanoma cells	CD91, SAMP6	CD407	Stem cells, Melanoma cells	CD91, SAMP6
CD45RC	B cells, T cell subset, Monocytes		CD318	Neutrophils, Colon carcinoma	See CD66	CD273	Stem cells, Melanoma cells	ADAM55	CD408	Stem cells, Melanoma cells	CD91, SAMP6	CD409	Stem cells, Melanoma cells	CD91, SAMP6
CD45RO	B cells, T cell subset, Monocytes		CD319	Neutrophils, Colon carcinoma	See CD66	CD274	Stem cells, Melanoma cells	ADAM56	CD410	Stem cells, Melanoma cells	CD91, SAMP6	CD411	Stem cells, Melanoma cells	CD91, SAMP6
CD46	Ubiquitous (Erythrocytes negative)	Membrane Cofactor Protein	CD320	Neutrophils, Colon carcinoma	See CD66	CD275	Stem cells, Melanoma cells	ADAM57	CD412	Stem cells, Melanoma cells	CD91, SAMP6	CD413	Stem cells, Melanoma cells	CD91, SAMP6
CD47	Broad		CD321	Neutrophils, Colon carcinoma	See CD66	CD276	Stem cells, Melanoma cells	ADAM58	CD414	Stem cells, Melanoma cells	CD91, SAMP6	CD415	Stem cells, Melanoma cells	CD91, SAMP6
CD47R	Broad		CD322	Neutrophils, Colon carcinoma	See CD66	CD277	Stem cells, Melanoma cells	ADAM59	CD416	Stem cells, Melanoma cells	CD91, SAMP6	CD417	Stem cells, Melanoma cells	CD91, SAMP6
CD48	Leukocytes		CD323	Neutrophils, Colon carcinoma	See CD66	CD278	Stem cells, Melanoma cells	ADAM60	CD418	Stem cells, Melanoma cells	CD91, SAMP6	CD419	Stem cells, Melanoma cells	CD91, SAMP6
CD48a	Activated T cells		CD324	Neutrophils, Colon carcinoma	See CD66	CD279	Stem cells, Melanoma cells	ADAM61	CD420	Stem cells, Melanoma cells	CD91, SAMP6	CD421	Stem cells, Melanoma cells	CD91, SAMP6
CD48b	B cells, Monocytes, Platelets	VLA-1, α 1 Integrin	CD325	Neutrophils, Colon carcinoma	See CD66	CD280	Stem cells, Melanoma cells	ADAM62	CD422	Stem cells, Melanoma cells	CD91, SAMP6	CD423	Stem cells, Melanoma cells	CD91, SAMP6
CD49	B cells		CD326	Neutrophils, Colon carcinoma	See CD66	CD281	Stem cells, Melanoma cells	ADAM63	CD424	Stem cells, Melanoma cells	CD91, SAMP6	CD425	Stem cells, Melanoma cells	CD91, SAMP6
CD49a	Lymphocytes, Monocytes, Eosinophils	VLA-2, α 2 Integrin	CD327	Neutrophils, Colon carcinoma	See CD66	CD282	Stem cells, Melanoma cells	ADAM64	CD426	Stem cells, Melanoma cells	CD91, SAMP6	CD427	Stem cells, Melanoma cells	CD91, SAMP6
CD49b	Lymphocytes, Monocytes, Eosinophils	VLA-3, α 3 Integrin	CD328	Neutrophils, Colon carcinoma	See CD66	CD283	Stem cells, Melanoma cells	ADAM65	CD428	Stem cells, Melanoma cells	CD91, SAMP6	CD429	Stem cells, Melanoma cells	CD91, SAMP6
CD49c	Lymphocytes, Monocytes, Eosinophils	VLA-4, α 4 Integrin	CD329	Neutrophils, Colon carcinoma	See CD66	CD284	Stem cells, Melanoma cells	ADAM66	CD430	Stem cells, Melanoma cells	CD91, SAMP6	CD431	Stem cells, Melanoma cells	CD91, SAMP6
CD49d	Lymphocytes, Monocytes, Eosinophils	VLA-5, α 5 Integrin	CD330	Neutrophils, Colon carcinoma	See CD66	CD285	Stem cells, Melanoma cells	ADAM67	CD432	Stem cells, Melanoma cells	CD91, SAMP6	CD433	Stem cells, Melanoma cells	CD91, SAMP6
CD49e	Lymphocytes, Monocytes, Eosinophils	VLA-6, α 6 Integrin	CD331	Neutrophils, Colon carcinoma	See CD66	CD286	Stem cells, Melanoma cells	ADAM68	CD434	Stem cells, Melanoma cells	CD91, SAMP6	CD435	Stem cells, Melanoma cells	CD91, SAMP6
CD50	Leukocytes	ICAM-3	CD332	Neutrophils, Colon carcinoma	See CD66	CD287	Stem cells, Melanoma cells	ADAM69	CD436	Stem cells, Melanoma cells	CD91, SAMP6	CD437	Stem cells, Melanoma cells	CD91, SAMP6
CD51	Platelets	α v Integrin	CD333	Neutrophils, Colon carcinoma	See CD66	CD288	Stem cells, Melanoma cells	ADAM70	CD438	Stem cells, Melanoma cells	CD91, SAMP6	CD439	Stem cells, Melanoma cells	CD91, SAMP6
CD51E1	Platelets, Osteoclasts, Endothelial cells		CD334	Neutrophils, Colon carcinoma	See CD66	CD289	Stem cells, Melanoma cells	ADAM71	CD440	Stem cells, Melanoma cells	CD91, SAMP6	CD441	Stem cells, Melanoma cells	CD91, SAMP6
CD52	Leukocytes	CAMPATH-1	CD335	Neutrophils, Colon carcinoma	See CD66	CD290	Stem cells, Melanoma cells	ADAM72	CD442	Stem cells, Melanoma cells	CD91, SAMP6	CD443	Stem cells, Melanoma cells	CD