

[Human FFPE List](#) | [Human Fresh Frozen List](#) | [Mouse Fresh Frozen List](#)

### Human FFPE List

Target	Alias	Clone	Vendor	Tissue Screened	Akoya Inventory	Antigen Retrieval Cond.
β Catenin 1 (CTNNB1)	Beta 1, 88 kD, CTNNB1, TNNB, MRD19	12F7	BioLegend	breast cancer	Yes	EDTA
CD3 epsilon	CD3E, IMD18, T3E, TCRE	EP449E	Abcam	tonsil	Yes	Citrate EDTA
CD4	L3T4, Leu3, Ly-4, p55, W3/25	EPR6855	Abcam	tonsil	Yes	Citrate EDTA
CD8	T8, Leu2, CD8a, MAL, p32	C8/144B	BioLegend	tonsil	Yes	Citrate EDTA
CD11c	CD11C, ITGAX, SLEB6	118/A5	Thermo Fisher	tonsil	Yes	Citrate EDTA
CD20	B1, Bp35, CD20, CVID5, LEU-16, MS4A1, MS4A2, S7	L26	Thermo Fisher	tonsil	Yes	Citrate EDTA
CD21	CD 21, C3DR, CR2	EP3093	Abcam	tonsil	Yes	Citrate EDTA
CD31	PECAM-1	EP3095	Abcam	tonsil	Yes	Citrate EDTA
CD44	Pgp-1, H-CAM, HUTCH-1, ECMR III, gp85, Ly-24	IM7	BioLegend	tonsil	Yes	Citrate
CD45RO	-	UCHL1	BioLegend	tonsil	Yes	Citrate EDTA
CD68	GP110, LAMP4, SCARD1	KP1	Thermo Fisher	tonsil	Yes	Citrate EDTA
CD107a	LGP-120, LAMP-1	H4A3	BioLegend	tonsil	Yes	Citrate EDTA
E-cadherin	Arc-1, CD324, CDH1, CDHE, ECAD, LCAM, UVO	4A2C7	Thermo Fisher	tonsil	Yes	Citrate EDTA
Histone H3 Phospho (Ser28)		HTA28	BioLegend	tonsil	Yes	Citrate EDTA
HLA-DR/CD74	CD74, DHLAG, HLAG, II, Ia-GAMMA, p33	EPR3692	Abcam	tonsil	Yes	Citrate
Keratin 14	CK-14	Poly19053	BioLegend	breast cancer	Yes	Citrate EDTA
ki67	MKI67, Ki-67, KIA	B56	BD	tonsil	Yes	Citrate EDTA
LIF	HILDA, MLPLI, DIA	M1506B09	BioLegend	breast cancer	Yes	Citrate EDTA
Mac-2 (Galectin-3)	Gal-3, RL-29, CBP-35, L-34, eBP	M3/38	BioLegend	breast cancer	Yes	Citrate EDTA
Pancytokeratin	AE-1/AE-3, AE1/AE3	AE-1/AE-3	BioLegend	tonsil	Yes	Citrate EDTA
Podoplanin	T1a, T1a2, gp36, gp38, gp40, PDPN, D2-40	NC-08	BioLegend	tonsil	Yes	Citrate
TFAM	mtTFA, MtTF1, TCF6, TCF-6	18G102B2E11	BioLegend	breast cancer	Yes	Citrate EDTA
Actin	cytoplasmic 1	2F1-1	BioLegend	tonsil		Citrate EDTA
β-actin	ACTB, Actin	W16197A	BioLegend	breast cancer		Citrate EDTA
CD11b	ITGAM, CD11B, CR3A, MAC-1, MAC1A, MO1A, SLEB6	EP1345Y	Abcam	tonsil		Citrate EDTA

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CD14	LPS-R, Mo2	EPR3652	Abcam	tonsil			EDTA
CD14	LPS-R, Mo2	EPR3653	Abcam	tonsil		Citrate	EDTA
CD15	3-FAL, 3-FL, LNFP III, Lex , SSEA-1	HI98	BioLegend	tonsil		Citrate	
CD19	B4, CVID3	LE-CD19	BioRad	tonsil		Citrate	
CD123	IL-3Rα	9F5	BD	tonsil			EDTA
CD134	TNFRSF4, ACT35	BER-ACT35	BioLegend	tonsil		Citrate	
CD194	CKR4, K5-5, CMKBR4, ChemR13, CC-CKR-4, MGC88293, HGCN:14099, CCR4	L291H4	BioLegend	tonsil		Citrate	
CD205	LY75, CLEC13B, DEC-205, GP200-MR6, LY-75	EPR5233	Abcam	tonsil		Citrate	EDTA
CD223/LAG3	FDC	EPR20261	Abcam	tonsil			EDTA
CD223/LAG3	FDC	EPR4392(2)	Abcam	tonsil		Citrate	
CD227	MUC1, CA 15-3, DF3, EMA, H23, H23AG, KL-6, MAM6, PEM, PEMT, PUM	16A	BioLegend	breast cancer		Citrate	EDTA
CD227	MUC1, CA 15-3, DF3, EMA, H23, H23AG, KL-6, MAM6, PEM, PEMT, PUM	HMPV	BD	breast cancer		Citrate	EDTA
CD274/PD-L1	PD-L1, B7-H1	E1L3N	CST	tonsil			EDTA
CD279/PD-1	PDCD1, CD279, PD-1, PD1, SLEB2, hPD-1, hPD-I, hSLE1	EPR4877[2]	Abcam	tonsil		Citrate	EDTA
CD279/PD-1	PDCD1, CD279, PD-1, PD1, SLEB2, hPD-1, hPD-I, hSLE1	D4W2J	CST	tonsil		Citrate	EDTA
CD279/PD-1	PDCD1, CD279, PD-1, PD1, SLEB2, hPD-1, hPD-I, hSLE1	NAT105	Abcam/BioLegend	tonsil			EDTA
CD3	CD3ε	D7A6E	CST	tonsil		Citrate	EDTA
CD3		Polyclonal	Abcam	tonsil		Citrate	EDTA
CD3D	CD3-delta, IMD19, OKT3 delta, T3D	EP4426	Abcam	tonsil		Citrate	
CD4	L3T4, Leu3, Ly-4, p55, W3/25	OKT4	BioLegend	tonsil			EDTA
CD7	GP40, Leu 9, Tp40, Tp41	EPR4242	Abcam	tonsil		Citrate	EDTA
CD31	PECAM-1	89C2	CST	tonsil		Citrate	EDTA
CD34	-	QBEND-10	Thermo Fisher	tonsil		Citrate	EDTA
CD45	LCA, T200	2D1	BioLegend	tonsil		Citrate	EDTA
CD45	B220, GP180, T200	BL-178-12C7	Bethyl	tonsil			EDTA
CD66 (Pan)	CEACAM1/5/6, BGP, NCA	ASL-32	BioLegend	tonsil		Citrate	EDTA

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CD66c	CEACAM6, NCA, CEAL	B6.2/CD66	BD	tonsil			EDTA
CD66e	CEA, CEACAM5, CD66e	BSB-13	BioLegend	breast cancer		Citrate	EDTA
CD366	TIM-3, HAVCR2	D5D5R	CST	tonsil			EDTA
Collagen IV	BSVD, COL4A1, COL4A2, COL4A3, COL4A4, COL4A5, RATOR	EPR20966	Abcam	tonsil		Citrate	EDTA
Cytokeratin 17	K-17, CK-17, KRT17, CK17, K17	W16131A	BioLegend	breast cancer		Citrate	EDTA
Cytokeratin 19	-	A53-B/A2	BioLegend	breast cancer		Citrate	EDTA
Cytokeratin 6	CK-6, KRT6	W17006B	BioLegend	breast cancer		Citrate	EDTA
Cytokeratin 7/17	Keratin 7/keratin17, Keratin 7/17	C-46	BioLegend	breast cancer		Citrate	EDTA
Cytokeratin 8	CK-8, K8	1E8	BioLegend	breast cancer		Citrate	EDTA
Cytokeratin18	-	DA-7	BioLegend	breast cancer		Not tested	EDTA
E2F1	mKIAA4009, RBAP1, RBBP3, RBP3	EPR3818(3)	Abcam	tonsil, breast cancer		Not tested	EDTA
Foxp3	AIID, DIETER, IPEX, JM2, PIDX, SCURFIN, XPID	236A/E7	Thermo Fisher	tonsil			EDTA
Foxp3	AIID, DIETER, IPEX, JM2, PIDX, SCURFIN, XPID	259D	BioLegend	tonsil			EDTA
Foxp3	AIID, DIETER, IPEX, JM2, PIDX, SCURFIN, XPID	PCH101	Thermo Fisher	tonsil			EDTA
Galectin-9	Lgals9, Gal-9	9M1-3	BioLegend	breast cancer		Citrate	EDTA
GATA3	HDR, HDRS	L50-823	BD	breast cancer		Not tested	EDTA
Granzyme B	C11, CTLA-1, CTSLG1, HLP, SECT, CCPI, CGL-1, CGL1, CSP-B, CSPB, GRB, GZMB	D6E9W	CST	tonsil		Citrate	EDTA
H2A.X Phospho (Ser139)	H2a/x	2F3	Biolegend	tonsil, breast cancer		Not tested	EDTA
HLA-A	HLAA	EP1395Y	Abcam	tonsil, breast cancer		Not tested	EDTA
HLA-DPB1	HLA-DP, HLA-DP1B, HLA-DPB, HLA-DPB1	EPR11226	Abcam	tonsil, breast cancer		Not tested	EDTA
ICOS	AILIM, CD278, CRP1, CVID1, H4	SP98	Abcam	tonsil			EDTA
IDO1	IDO, IDO-1, IDO1, INDO	V1NC3IDO	Thermo Fisher	tonsil		Citrate	EDTA
NGFR/CD271	CD271, Gp80 LNGFR, p75 ICD, p75 NTR	EP1039Y	Abcam	tonsil			EDTA
Non-muscle Myosin Heavy Chain II-B	NMMHC-B	Poly19099	BioLegend	breast cancer		Citrate	EDTA
p53	TP53	pab1801	BD	breast cancer		Citrate	EDTA
PCNA	ATLD2	PC10	BD	breast cancer		Citrate	EDTA

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PCNA	ATLD2	PC10	BioLegend	breast cancer		Not tested	EDTA
Perlecan	PRCAN, HSPG2, HSPG, LG3, PLC, SJA, SJS, SJS1	5D7-2E4	BD	breast cancer		Citrate	EDTA
Progesterone Receptor	NR3C3, PGR, PR	KMC912	Thermo Fisher	breast cancer		Citrate	EDTA
Runx3	-	R3-5G4	BioLegend	breast cancer		Citrate	EDTA
S100A4	18A2, 42A, CAPL, FSP1, MTS1, P9KA, PEL98	S100A4	BioLegend	breast cancer		Citrate	EDTA
SMA	AAT6, ACTA2, ACTSA, ACTVS, GIG46, MYMY5	1A4	Abcam	tonsil		Citrate	EDTA
TP63	p63, CUSP, KET, p73L, TP63	W15093A	BioLegend	breast cancer		Citrate	EDTA
Vimentin	VIM, CTRCT30, HEL 113	O91D3	BioLegend	breast cancer		Citrate	EDTA
Vimentin	VIM, CTRCT30, HEL 113	O91D3	BioLegend	tonsil		Citrate	EDTA
Vimentin	VIM, CTRCT30, HEL 113	RV202	BD	tonsil		Citrate	EDTA
PR	-	KMC912	ThermoFisher	Human FFPE Breast Organoids			EDTA
CD34	-	QBEND/10	ThermoFisher	FFPE GBM		Citrate	EDTA
CD34	-	QBEND/10	ThermoFisher	FFPE Sub.Nigra/Sirital Section		Citrate	EDTA
CD34	-	31	ThermoFisher	FFPE Sub.Nigra/Sirital Section		Citrate	
NeuN	-	14H6L24	ThermoFisher	FFPE Sub.Nigra/Sirital Section		Citrate	
NeuN	-	14H6L24	ThermoFisher	FFPE Alzheimers tissue		Citrate	
PSD-95	-	7E-1B8	ThermoFisher	FFPE Sub.Nigra/Sirital Section		Citrate	
Synaptophysin	-	SY38	ThermoFisher	FFPE Alzheimers tissue		Citrate	
a-Synuclein	-	09212020	SySy	FFPE Alzheimers tissue		Citrate	
CNP1	-	355011	SySy	FFPE Alzheimers tissue		Citrate	
GFAP	-	173011	SySy	FFPE Sub.Nigra/Sirital Section		Citrate	
GFAP	-	173011	SySy	FFPE Alzheimers tissue		Citrate	
GFAP	-	173011	SySy	FFPE GBM		Citrate	EDTA
Synapsin	-	106011	SySy	FFPE Alzheimers tissue		Citrate	
ER	-	RM292	RevMab	FFPE BC3/FFPE Organoids			EDTA
p53	-	RM387	RevMab	FFPE GBM		Citrate	EDTA
S100B	-	RM304	RevMab	FFPE Alzheimers tissue		Citrate	

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S100B	-	RM304	RevMab	FFPE GBM		Citrate	EDTA
SOX2	-	RM427	RevMab	FFPE GBM		Citrate	EDTA
b-actin	-	W16197A	Biolegend	Breast Organoids			EDTA
H2A.X	-	2F3	BIOLEGEND	FFPE Alzheimers tissue		Citrate	
Keratin17	-	W16131A	Biolegend	Breast Organoids			EDTA
Keratin18	-	DA-7	Biolegend	Breast Organoids			EDTA
Keratin19	-	A53-B/A2	Biolegend	Breast Organoids			EDTA
Keratin5	-	Poly19055	Biolegend	Breast Organoids			EDTA
Keratin8	-	1E8	Biolegend	Breast Organoids			EDTA
LRRK2	-	MC.028.83.76.242	Biolegend	FFPE Sirital Section		Citrate	
Nestin	-	10C2	Biolegend	FFPE Alzheimers tissue		Citrate	
S100A4	-	S100A4	Biolegend	Breast Organoids			EDTA
S100B	-	11C12E12	Biolegend	FFPE Alzheimers tissue		Citrate	
TP63	-	W15093A	Biolegend	Breast Organoids			EDTA
Tyr.Hydroxylase	-	2/40/15	Biolegend	FFPE Sub.Nigra/Sirital Section		Citrate	
Vimentin	-	O91D3	Biolegend	Breast Organoids			EDTA
CD227	-	HMPV	BD	Breast Organoids			EDTA
GATA3	-	L50-823	BD	Breast Organoids			EDTA
Vimentin	-	RV202	BD	FFPE Alzheimers tissue		Citrate	
Vimentin	-	RV202	BD	FFPE GBM		Citrate	EDTA
CD31	-	EP3095	AKOYA	FFPE Alzheimers tissue		Citrate	
CD31	-	EP3095	Akoya	FFPE GBM		Citrate	EDTA
CD31	-	EP3095	Akoya	Breast Organoids			EDTA
CD3e	-	EP449E	Akoya	Breast Organoids			EDTA
CD68	-	KP1	Akoya	FFPE Alzheimers tissue		Citrate	
CD68	-	KP1	Akoya	Breast Organoids			EDTA
CD8	-	C8/144B	Akoya	Breast Organoids			EDTA

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E-Cadherin	-	4A2C7	Akoya	Breast Organoids			EDTA
Keratin14	-	Poly19053	Akoya	Breast Organoids			EDTA
Ki67	-	B56	Akoya	FFPE Alzheimers tissue		Citrate	
Ki67	-	B56	Akoya	Breast Organoids			EDTA
CD34	-	QBEnd/10	Abcam	FFPE Alzheimers tissue		Citrate	
CollagenIV	-	EPR20966	Abcam	Breast Organoids			EDTA
HLA-A	-	EP1395Y	Abcam	FFPE Alzheimers tissue		Citrate	
LaminB1	-	EPR8985(B)	Abcam	FFPE Alzheimers tissue		Citrate	
LaminB1	-	EPR8985(B)	Abcam	FFPE GBM		Citrate	EDTA
SMA	-	1A4	ABCAM	FFPE Alzheimers tissue		Citrate	
SMA	-	1A4	Abcam	FFPE GBM		Citrate	EDTA
SMA	-	1A4	Abcam	Breast Organoids			EDTA
PCNA	-	PC10	BioLegend	FFPE Human Tonsil			EDTA
PCNA	-	PC10	BioLegend	FFPE Human Tonsil			EDTA
CD57	-	HNK-1	BioLegend	FFPE Human Tonsil			EDTA
CD44	-	156-3C11	CST	FFPE Human Tonsil			EDTA
CD45	-	D9M8I	CST	FFPE Human Tonsil			EDTA
CD14	-	EPR3653	Abcam	FFPE Human Tonsil			EDTA
HLA-A	-	EP1395Y	Abcam	FFPE Human Tonsil		Citrate	EDTA
CollagenIV	-	EPR20966	Abcam	FFPE Human Tonsil		Citrate	EDTA
CD66a/c/e	-	ASL-32	BioLegend	FFPE Human Tonsil			EDTA
LAG3	-	D2G40	CST	FFPE Human Tonsil			EDTA
LAG3	-	D2G40	CST	FFPE Human Tonsil			EDTA
IDO1	-	V1NC3IDO	Thermo	FFPE Human Tonsil			EDTA
CD34	-	QBEND/10	Thermo	FFPE Human Tonsil			EDTA
PDL1	-	RM320	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD278	-	RM417	RevMab	FFPE Human Tonsil		Citrate	EDTA

CD163	-	RM371	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD56	-	RM315	RevMab	FFPE Human Tonsil		Citrate	EDTA
Vimentin	-	O91D3	BioLegend	FFPE Human Tonsil			EDTA
b-actin	-	W16197A	BioLegend	FFPE Human Tonsil			EDTA
S100A4	-	S100A4	BioLegend	FFPE Human Tonsil			EDTA
CD15	-	HI98	BioLegend	FFPE Human Tonsil			EDTA
CD66a/c/e	-	ASL-32	BioLegend	FFPE Human Tonsil			EDTA
CD227	-	16A	BioLegend	FFPE Human Tonsil			EDTA
b-catenin1	-	12F7	BioLegend	FFPE Human Tonsil			EDTA
CD57	-	HNK-1	BioLegend	FFPE Human Tonsil		Citrate	EDTA
CD38	-	RM388	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD19	-	RM332	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD79a	-	RM297	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD25	-	RM418	RevMab	FFPE Human Tonsil		Citrate	EDTA
SMA	-	1A4	Abcam	FFPE Human Tonsil			EDTA
Granzyme B	-	D6E9W	CST	FFPE Human Tonsil			EDTA
PBR (Tspo)	-	EPR5384	Abcam	Striatum and SNR		Citrate	EDTA
pRab12	-	MJF-R25-9	Abcam	Striatum and SNR		Citrate	EDTA
GranzymeB	-	D6E9W	CST	FFPE Human Tonsil		Citrate	EDTA
IDO1	-	V1NC3IDO	THERMO	FFPE Human Tonsil			EDTA
CD15	-	HI98	Biolegend	FFPE Human Tonsil		Citrate	EDTA
ICOS	-	SP98	ABCAM	FFPE Human Tonsil			EDTA
CD276	-	RM335	RevMab	FFPE Human Tonsil		Citrate	EDTA
PD1	-	RM309	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD30	-	RM425	RevMab	FFPE Human Tonsil		Citrate	EDTA
ZAP70	-	RM408	RevMab	FFPE Human Tonsil		Citrate	EDTA
CD5	-	RM354	RevMab	FFPE Human Tonsil		Citrate	EDTA

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PAX5	-	RM331	RevMab	FFPE Human Tonsil		Citrate	EDTA
Bin1	-	EPR13463	Abcam	FFPE Human Tonsil		Citrate	EDTA
ATG7	-	EP1759Y	Abcam	FFPE Human Tonsil		Citrate	EDTA
MyD88	-	EPR590(N)	Abcam	FFPE Human Tonsil			EDTA
Syk	-	EP573-4	Abcam	FFPE Human Tonsil			EDTA
IGF1	-	EPR23027	Abcam	FFPE Human Tonsil		Citrate	EDTA
P2Ry12	-	EPR23511-72	Abcam	FFPE Human Tonsil			EDTA
P2Rx7	-	EPR2815Y	Abcam	FFPE Human Tonsil		Citrate	EDTA
CD74	-	EPR4064	Abcam	FFPE Human Tonsil		Citrate	EDTA
PLCg2	-	EPR5914-3	Abcam	FFPE Human Tonsil		Citrate	EDTA
Axl	-	EPR19880	Abcam	FFPE Human Tonsil		Citrate	EDTA
CSF1R	-	EPR30754	Abcam	FFPE Human Tonsil		Citrate	EDTA
YKL-40CHI3L	-	EPR19078-15	Abcam	FFPE Human Tonsil		Citrate	EDTA
PD-L1	-	73-10	Abcam	FFPE Human Tonsil		Citrate	EDTA
EBV NA	-	EBS-1-024	Thermo	FFPE Human Tonsil		Citrate	
PDL1	-	RM320	RevMab	FFPE Human Tonsil		Citrate	EDTA
PD1	-	D4W2J	CST	FFPE Human Tonsil		Citrate	EDTA
Foxp3	-	259/C7	BD	FFPE Human Tonsil		Citrate	EDTA
MUM1	-	RM352	RevMab	FFPE Human Tonsil			EDTA
CyclinD1	-	RM241	RevMab	FFPE Human Tonsil		Citrate	EDTA



## Human Fresh Frozen List

Target	Alias	Clone	Vendor	Tissue Screened	Akoya Inventory
CD2	LFA-2, T11, SRBC-R	RPA-2.10	BioLegend	tonsil	Yes
CD3	T3, CD3ε	UCHT1	BioLegend	tonsil	Yes
CD4	L3T4, Leu3, Ly-4, p55, W3/25	SK3	BioLegend	tonsil	Yes
CD8	T8, Leu2, CD8a, MAL, p32	SK1	BioLegend	tonsil	Yes
CD11c	CD11C, ITGAX, SLEB6	S-HCL-3	BioLegend	tonsil	Yes
CD19	B4, CVID3	HIB19	BioLegend	tonsil	Yes
CD21	CD 21, C3DR, CR2	Bu32	BioLegend	tonsil	Yes
CD31	PECAM-1	WM59	BioLegend	tonsil	Yes
CD34	-	561	BioLegend	tonsil	Yes
CD38	HB7, T10	HB-7	BioLegend	tonsil	Yes
CD45	LCA, T200	HI30	BioLegend	tonsil	Yes
CD45RO	-	UCHL1	BioLegend	tonsil	Yes
CD49f	ITGA6	GoH3	BioLegend	tonsil	Yes
CD69	VEA, AIM	FN50	BioLegend	tonsil	Yes
CD90	Thy-1, Thy1	5E10	BioLegend	tonsil	Yes
CD104	TSP-1180, ITGB4	58XB4	BioLegend	tonsil	Yes
CD107a	LGP-120, LAMP-1	H4A3	BioLegend	tonsil	Yes
CD138	B-B4, HSPG, SDC, SDC1, SYND1	MI15	BioLegend	tonsil	Yes
CD278	AIIIM, ICOS, CRP1, CVID1, H4	C398.4A	BioLegend	tonsil	Yes
CD279	PDCD1, PD-1, PD1, SLEB2, hPD-1, hPD-I, hSLE1	EH12.2H7	BioLegend	tonsil	Yes
Histone H3 Phospho (Ser28)	-	HTA28	BioLegend	tonsil	Yes
HLA-DR	CD74, DHLAG, HLADG, II, Ia-GAMMA, p33	L243	BioLegend	tonsil	Yes
Keratin 14	CK-14	Poly19053	BioLegend	tonsil	Yes
ki67	MKI67, Ki-67, KIA	B56	BD	tonsil	Yes
Mac-2 (Galectin-3)	Mac-2, Gal-3, RL-29, CBP-35, L-34, εBP	M3/38	BioLegend	tonsil	Yes
Pancytokeratin	AE-1/AE-3, AE1/AE3	AE-1/AE-3	BioLegend	tonsil	Yes
Podoplanin	T1a, T1a2, gp36, gp38, gp40, PDPN, D2-40	NC-08	BioLegend	tonsil	Yes

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TFAM	mtTFA, MtTF1, TCF6, TCF-6	18G102B2E11	BioLegend	tonsil	Yes
Actin	-	2F1-1	BioLegend	tonsil	
b2-microglobulin	β2M, β2-M, b2M	2M2	BioLegend	tonsil	
Bcl-2	-	100	BioLegend	tonsil	
CD1d	CD1A, CD1D, R3, R3G1, Ly-38, R3G1	51.1	BioLegend	tonsil	
CD2	LFA-2, T11, SRBC-R	TS1/8	BioLegend	tonsil	
CD4	L3T4, Leu3, Ly-4, p55, W3/25	A161A1	BioLegend	tonsil	
CD4	L3T4, Leu3, Ly-4, p55, W3/25	OKT4	BioLegend	tonsil	
CD5	Leu-1, Ly-1, T1, Tp67, Leu1	L17F12	BioLegend	tonsil	
CD5	Leu-1, Ly-1, T1, Tp67	UCHT2	BioLegend	tonsil	
CD7	p41, GP40, LEU-9, Tp40, TP41	CD7-6B7	BioLegend	tonsil	
CD9	MRP-1, DRAP-24	HI9a	BioLegend	tonsil	
CD11a	ITGAL	HI111	BioLegend	tonsil	
CD11a	ITGAL	TS2/4	BioLegend	tonsil	
CD11b	C3bI <sub>R</sub> , CR3, Mac-1, Mo1, ITGAM	ICRF44	BioLegend	tonsil	
CD11c	CD11C, ITGAX, SLEB6	B-ly6	BD	tonsil	
CD14	LPS-R, Mo2	HCD14	BioLegend	tonsil	
CD15	3-FAL, 3-FL, LNFP III, Lex, SSEA-1	HI98	BioLegend	tonsil	
CD18	ITGB2	TS1/18	BioLegend	tonsil	
CD22	BL-CAM, Siglec-2, Lyb8	HIB22	BioLegend	tonsil	
CD22	BL-CAM, Siglec-2, Lyb8	S-HCL-1	BioLegend	tonsil	
CD24	Ly-52, (HSA, Nectadrin, BA-1	ML5	BioLegend	tonsil	
CD27	S152, T14, TNFRSF7	M-T271	BioLegend	tonsil	
CD28	T44, Tp44	CD28.2	BioLegend	tonsil	
CD29	gpIIa, ITGB1	TS2/16	BioLegend	tonsil	
CD32	FCR II, FcγRII	FUN-2	BioLegend	tonsil	
CD35	CR1	E11	BioLegend	tonsil	
CD36	GPIIIb, GPIV, PASIV	5-271	BioLegend	tonsil	
CD36	GPIIIb, GPIV, PASIV	CB38	BD	tonsil	
CD38	T10, ADPRC1	HIT2	Thermo Fisher	tonsil	
CD39	gp80, E-ATPDase, NTPDase-1	A1	BioLegend	tonsil	

# CODEX® Screened Antibody List

CD45RA	GP180, L-CA, LCA, LY5, T200, PTPRC	HI100	BioLegend	tonsil	
CD47	gp42, IAP	CC2C6	BioLegend	tonsil	
CD48	SLAMF2, HuLy-m3	BJ40	BioLegend	tonsil	
CD49b	VLA-2 $\alpha$ chain	P1E6-C5	BioLegend	tonsil	
CD54	ICAM-1, Ly-47	HA58	BioLegend	tonsil	
CD57	HNK-1, NK-1, Leu-7	HNK1	BioLegend	tonsil	
CD57	HNK-1, NK-1, Leu-7	HCD57	BioLegend	tonsil	
CD59	H19, 1F-5Ag, HRF20, MACIF, MIRL, P-18	p282 (H19)	BioLegend	tonsil	
CD62L	LECAM-1, LAM-1, Leu-8, TQ-1	DREG-56	BioLegend	tonsil	
CD62P	SELP, CD62, GMP140, GRMP, LECAM3, PADGEM, PSEL	AC1.2	BD	tonsil	
CD63	LIMP, LAMP-3, ME491, PItgp40, gp55	H5C6	BioLegend	tonsil	
CD71	T9	CY1G4	BioLegend	tonsil	
CD81 (TAPA-1)	TAPA-1, S5.7, CVID6, TSPAN28	5A6	BioLegend	tonsil	
CD89	Fc $\alpha$ R	A59	BioLegend	tonsil	
CD106	-	P3C4	BioLegend	tonsil	
CD123	CD123, hIL-3Ra, IL3R, IL3RA, IL3RAY, IL3RX, IL3RY, CDw123, IL-3RA, SUT-1	6H6	Thermo Fisher	tonsil	
CD123	CD123, hIL-3Ra, IL3R, IL3RA, IL3RAY, IL3RX, IL3RY, CDw123, IL-3RA, SUT-1	7G3	BD	tonsil	
CD141	AHUS6, BDCA3, THPH12, THRM	Phx-01	BioLegend	tonsil	
CD141	AHUS6, BDCA3, THPH12, THRM	M80	BioLegend	tonsil	
CD146	Muc-18, MCAM, Mel-CAM, S-endo	P1H12	BioLegend	tonsil	
CD152	CTLA4, CTLA-4	BNI3	BioLegend	tonsil	
CD155 (PVR)	PVR	SKII.4	BioLegend	tonsil	
CD163	GHI/61, M130, RM3/1, p155	GHI/61	BioLegend	tonsil	
CD183 (CXCR3)	CXCR3, GPR9, CKR-L2	G025H7	BioLegend	tonsil	
CD201 (EPCR)	PROCR	RCR-401	BioLegend	tonsil	
CD205	LY75, CLEC13B, DEC-205, GP200-MR6, LY-75	MMRI-7	BD	tonsil	

# CODEX® Screened Antibody List

CD223	FDC	11C3C65	BioLegend	tonsil	
CD235a	CD235ab, CD235a, GYPA, GPA, CD235b, GYPB, GPB	GA-R2	BD	tonsil	
CD235ab	GPA/GPB	HIR2	BioLegend	tonsil	
CD271 (NGFR)	p75NTR, TNFRSF16, p75(NTR), Gp80-LNGFR, NGFR	ME20.4	BioLegend	tonsil	
CD273	B7-DC, PD-L2, PDL2, B7DC	24F.10C12	BioLegend	tonsil	
CD340 (erbB2/HER-2)	HER2/erbB2, HER-2	24D2	BioLegend	tonsil	
CD366	TIM-3, HAVCR2	F382E2	BioLegend	tonsil	
CDKN1A	CAP20, CDKN1, CIP1, P21, p21CIP1, p21Cip1/Waf1, SDI1, WAF1	W15115A	BioLegend	tonsil	
EGFR	HER1	AY13	BioLegend	tonsil	
FcεRIα	FceRIa, FceRI-a	AER-37(CRA-1)	BioLegend	tonsil	
Foxp3	AIID, DIETER, FOXP3delta7, IPEX, JM2, PIDX, SCURFIN, XPID	150D	BioLegend	tonsil	
Galectin-9	Lgals9, Gal-9	9M1-3	BioLegend	tonsil	
HLA-A,B,C	MHC class I	W6/32	BioLegend	tonsil	
IgD	-	IA6-2	BioLegend	tonsil	
Keratin 14	CK-14	Poly9060	BioLegend	tonsil	
Ki67	MKI67, Ki-67, KIA	Ki-67	BioLegend	tonsil	
Mesothelin	MSLN, CAK1	MN	BioLegend	tonsil	
Perlecan	PRCAN, HSPG2, HSPG, LG3, PLC, SJA, SJS, SJS1	5D7-2E4	BD	tonsil	
Runx3	-	R3-5G4	BioLegend	tonsil	
S100A4	18A2, 42A, CAPL, FSP1, MTS1, P9KA, PEL98	S100A4	BioLegend	tonsil	
S100B	-	11C12E12	BioLegend	tonsil	
TIGIT	VSIG9, VSTM3, WUCAM	A15153G	BioLegend	tonsil	
Vimentin	VIM, CTRCT30, HEL 113	RV202	BD	tonsil	
vWF	F8VWF, VWD	2F2-A9	BD	tonsil	
Synaptophysin	-	SY38	THERMO	Neuronal Culture	
CNP1	-	355011	SySy	Neuronal Culture	
NeuN	-	266011	SySy	Neuronal Culture	

Synapsin	-	106011	SySy	Neuronal Culture	
Tmem119	-	400011	SySy	Neuronal Culture	
CXCL12	-	W15149A	BioLegend	Neuronal Culture	
GFAP	-	SMI24	BioLegend	Neuronal Culture	
H2A.X	-	2F3	BioLegend	Neuronal Culture	
CD31	-	MEC13.3	Akoya	Neuronal Culture	
a-Synuclein	-	MJFR1	Abcam	Neuronal Culture	
Calbindin	-	EP3478	ABCAM	Neuronal Culture	
CD34	-	EP373Y	Abcam	Neuronal Culture	
Doublecortin	-	EPR19997	Abcam	Neuronal Culture	
Nestin	-	EPR22023	Abcam	Neuronal Culture	
SMA	-	1A4	Abcam	Neuronal Culture	
SOX2	-	EPR3131	Abcam	Neuronal Culture	
TyrH	-	EP1532Y	ABCAM	Neuronal Culture	
Gephyrin	-	Poly	ABOnline	Olfactory Bulb	

### Mouse Fresh Frozen List

Target	Alias	Clone	Vendor	Tissue Screened	Akoya Inventory
CD3	T3	17A2	BioLegend	spleen	Yes
CD4	L3T4, T4	RM4-5	BioLegend	spleen	Yes
CD5	Lyt-1, Ly-1, T1, Tp67, Ly-12	53-7.3	BioLegend	spleen	Yes
CD8a	T8, Lyt2, Ly-2	53-6.7	BioLegend	spleen	Yes
CD11b	Mac-1, Mo1, CR3, Ly-40, C3bIR, ITGAM	M1/70	BioLegend	spleen	Yes
CD11c	CR4, p150, ITGAX	N418	BioLegend	spleen	Yes
CD19	B4	6D5	BioLegend	spleen	Yes
CD21/35	CR2/CR1	7E9	BioLegend	spleen	Yes
CD24	HSA, Ly-52	M1/69	BioLegend	spleen	Yes
CD31	PECAM-1	MEC13.3	BioLegend	spleen	Yes
CD38	T10	90	BioLegend	spleen	Yes
CD44	Pgp-1, H-CAM, HUTCH-1, ECMR III, gp85, Ly-24	IM7	BioLegend	spleen	Yes
CD45	T200, Ly-5, LCA	30-F11	BioLegend	spleen	Yes
CD45R/B220	B220	Ra3-6B2	BioLegend	spleen	Yes
CD49f	ITGA6	GoH3	BioLegend	spleen	Yes
CD71	T9	RI7217	BioLegend	spleen	Yes
CD90.2	Thy-1.2	30-H12	BioLegend	spleen	Yes
CD169	Siglec-1, Sn	3D6.112	BioLegend	spleen	Yes
IgD	-	11-26c.2a	BioLegend	spleen	Yes
IgM	-	RMM-1	BioLegend	spleen	Yes
ki67	MKI67, KIA	B56	BD	spleen	Yes

# CODEX® Screened Antibody List



Ly6g	-	1A8	BioLegend	spleen	Yes
MHC II	I-A/I-E, MHC class II	M5/114.15.2	BioLegend	spleen	Yes
TCRb	TCR-β, β-TCR	H57-597	BioLegend	spleen	Yes
Ter119	Ly-76	TER-119	BioLegend	spleen	Yes
CD3	CD3ε, T3	145-2C11	BioLegend	spleen	
CD11c	tgax, Cr4	HL3	BD	spleen	
CD16/32	FcyRIII/FcyRII, Fcgr3/Fcgr2	2.4G2	BD	spleen	
CD19	B4	1D3	BD	spleen	
CD21/35	CR2/CR1	7G6	BD	spleen	
CD25	IL-2Rα, Ly-43, p55, Tac	PC61	BioLegend	spleen	
CD54	ICAM-1, Ly-47	YN1/1.7.4	BioLegend	spleen	
CD71	TR, Tfr, Tfr1, Tfrc, Trfr, Mtvr-1	C2	BD	spleen	
CD79b	Igβ, Igb	HM79B	BioLegend	spleen	
CD90	Thy-1, Thy1	G7	BioLegend	spleen	
CD106	VCAM-1, INCAM-110	429(MVCAM.A)	BioLegend	spleen	

CD152	CTLA-4, Ly-56	UC10-4B9	BioLegend	spleen	
CD279	PDCD1, PD-1, PD1, SLEB2, hPD-1, hSLE1	29F.1A12	BioLegend	spleen	
CD279	PDCD1, PD-1, PD1, SLEB2, hPD-1, hSLE1	RMP1-30	BioLegend	spleen	
F4/80	Gpf480, F480, Emr1, Ly71, DD7A5-7, EGF-TM7, TM7LN3	BM8	BioLegend	spleen	
F4/80	Gpf480, F480, Emr1, Ly71, DD7A5-7, EGF-TM7, TM7LN3	T45-2342	BD	spleen	
IgM	A1326478, Igh-6, Igh-M, Igh6, muH	II/41	BD	spleen	
Ly6c	-	HK1.4	BioLegend	spleen	
Podoplanin	T1a, gp38	8.1.1	BioLegend	spleen	
Synaptophysin	-	SY38	Thermo	FF brain	
Synaptophysin	-	SY38	Thermo	FF brain, olfactory bulb	
CNP1	-	355011	SySy	FF brain	
CNP1	-	355011	SySy	FF brain, olfactory bulb	
NeuN	-	266011	SySy	FF brain	
NeuN	-	266011	SySy	FF brain, olfactory bulb	
Synapsin	-	106011	SySy	FF brain	
Synapsin	-	106011	SySy	FF brain, olfactory bulb	
Tmem119	-	400011	SySy	FF brain	
CXCL12	-	W15149A	BIOLEGEND	FF brain	
CXCL12	-	W15149A	BIOLEGEND	FF brain, olfactory bulb	

# CODEX® Screened Antibody List



GFAP	-	SMI24	BIOLEGEND	FF brain, olfactory bulb	
H2A.X	-	2F3	BIOLEGEND	FF brain	
H2A.X	-	2F3	BIOLEGEND	FF brain, olfactory bulb	
CD31	-	MEC13.3	AKOYA	FF brain	
CD31	-	MEC13.3	Akoya	FF brain, olfactory bulb	
a-Synuclein	-	MJFR1	Abcam	FF brain, olfactory bulb	
CD34	-	EP373Y	Abcam	FF brain	
CD68	-	FA-11	Abcam	FF brain, olfactory bulb	
CollagenIV	-	Poly	ABCAM	FF brain	
CollagenIV	-	Poly	ABCAM	FF brain, olfactory bulb	
Doublecortin	-	EPR19997	Abcam	FF brain, olfactory bulb	
Nestin	-	EPR22023	Abcam	FF brain, olfactory bulb	
SMA	-	1A4	ABCAM	FF brain	
SMA	-	1A4	Abcam	FF brain, olfactory bulb	
MAP2	-	EPR19691	Abcam	Cortex	
cTip	-	EPR23120-25	Abcam	Cortex	
CaMKII	-	EPR6686(2)	Abcam	Olfactory Bulb	
Dopamine Transporter	-	EPR19695	Abcam	Olfactory Bulb	
GRIN2B	-	6E9A8	ABOnline	Olfactory Bulb	
MAP2	-	MT-08	ABOnline	Olfactory Bulb	
Cortactin	-	Poly	Abcam	Olfactory Bulb	
PSD-95	-	6G6	ABOnline	Olfactory Bulb	
SLC17	-	S28-9	ABOnline	Olfactory Bulb	