

IHC Antibodies**Mouse**

Antibody	Lab	Catalog #	Dilution
ALDH1A1 (EP1933Y)	Novus	NB110-55451	1:200
αSMA	Cell Signaling	19245S	1:100
Cas-L(H70)	Santa Cruz	sc-25503	1:200
CD11c	Cell Signaling	39475S	1:50
CD163	Cell Signaling	97585S	1:00
CD3	Cell Signaling	85061S	1:50
CD31	Cell Signaling	3528S	1:50
CD3e	Santa Cruz		1/800
CD4	AbCam	ab183685	1:100
CD44	Novus	NBP1-41266	1:2,000
CD8	Cell Signalling	D4W2Z	1:200
CD8a	Cell Signalling	98941	1:100
CD86	Cell Signaling	19589S	1:50
Cofilin	abcam	ab42824	1/1600
CK 19	DSHB	TROMA-III	1:200
E-cadherin (N-20)	Santa Cruz	sc-1500	1:800
F4/80	Cell Signalling	D2S9R	1:100
GFP	Cell Signaling	2555	1:200-1:800
CK 10	Biologend	PRB-159p	1:2000
CK 14	Biologend	PRB-155p	1:2000
CK 15	Biologend	PRB-153p	1:1000
CK 6	Biologend	PRB-169p	1:1000
Ki-67	abcam	ab15580	1:2000
Laminin	Abcam	ab11575	1:00
LASS1(I)	Sigma	SAB2501185	1:10,000
LASS1(S)	Imgenex	IMG-30856	1:4000
LASS4	Exalpha	X2298P	1:750
LASS6	Abnova	H00253782-A01	1:100
MKRN1	abcam	ab58768	1:250
NKp46	Abcam	ab214468	1:100
NF-κB p65	Cell Signaling	8242	RTU
Pan-CK	Roche	760-2595	RTU
PD-L1	Cell Signalling	64988	1:100
PDGFR-α	Cell Signaling	3174S	1:50
Pdgfr-β	Cell Signaling	3169S	1:50
pERK	abcam	ab217322	1:100
Phospho-CFL1 (pSer3)	Sigma	SAB4300115	1/100
PTEN	Cell Signaling	9559S	1:50
S1P(LT1002)	Lpath	LT1002	1:137-1:2186
SF2	abcam	ab38017	1/4000
SK2 (SPHK2)	abcam	ab37977	1:100
SMA	Invitrogen	PA5-18,292	1:100
pSTAT3 (Tyr705)	Cell Signaling	9145	1:50
Telomerase reverse transcriptase	abcam	ab32020	1:50
Teromerase (Ab-2)	Millipore (Calbiochem)	582005	1:50-1:500
TGFb RI	R&D AF3025	AF3025	1:400
Tissue Factor	Abcam	ab228968	1:00
twist (Twist2C1a)	Santa Cruz	sc-81417	1:1000
Vimentin	Cell Signaling	5741S	1:00

IHC Antibodies**Human**

Antibody	Lab	Catalog #	Dilution
Acid Ceramidase (A-9)	Santa Cruz	sc-100646	1:100
Akt(pan)(C67E7)	Cell Signaling	4691	1:50
Alpha Soomth Muscle Actin	abcam	ab5694	1:800-1:800
Cas-L(2G9)	Santa Cruz	sc-33659	1:100
Cathepsin B [EPR4323]	abcam	ab125067	1:50
CD11c	Cell Marque	111M-14	1:50
CD163	Roche	760-4437	RTU
CD20	Bethyl	A500-017A	1:250
CD25	Bethyl	BLR158J	1:250
CD3	Bethyl	A700-016	1:250
CD31/PECAM-1	Santa Cruz	sc-1506	1:100
CD4	Roche	790-4423	RTU
CD45	Bethyl	A700-012	1:250
CD45RO	Bethyl	UCHL-1	1:250
CD56	Roche	760-4596	RTU
CD68	Roche	790-2931	RTU
CD8	Roche	790-4460	1:50
CYP2R1 (T-21)	Santa Cruz	sc-48987	1:200
Cytokeratin 7	Dako	M7018	1:50
eIF4B (phospho S406)	abcam	ab134138	1:500
FAM3C	abcam	ab72182	1:400 (1:1600)
FAP	Novus Biologicals	NBP3-13884	1:100
FoxP3	Abcam	ab20034	1:300
GATA3	Bethyl	BLR121H	1:250
GFAP	Abcam	ab7260	1:1000
Granzyme B	Bethyl	BLRO22E	1:250
I2PP2A (H120)	SANTA CRUZ	sc-25564	1/200
LASS4(c-19)	Santa Cruz	sc-65112	1:800
LASS6	abcam	ab56582	1:500
MCU	Sigma	HPA016480	1:50
Met (c-28)	Santa Cruz	sc-161-R	1:50
Met (D1C2)	Cell Signaling	8198	1:300
MFRN2	abcam	ab103758	1:150
MICAL1	proteintech	14818-1-AP	1:200 (1:800)
MKP1	Millipore	07-353	1:400-1:4,000
NFkB p65	Cell Signaling	8242	1:800 (1:1600)
P4HA3	Novus Biologicals	NBP1-84396	1:100
Pan-CK	Roche	760-2595	RTU
PCNA	Bethyl	A500-024A	1:250
PD-1	Bethyl	A700-076	1:250
PD-L1	Bethyl	A700-020	1:250
PGRMC1	Sigma	HPA002877	1:1000 (1:4000)
Phospho-Akt (Ser473) D9E XP	Cell Signaling	4060	1/100
PRMT5	Proteintech	18436-1-AP	1:1000
PTEN (138G6)	Cell Signaling	9559	1/200
ROR1	Cell Signaling	4102	1:200
ROR2	Cell Signaling	4105	1:100
S1P(LT1002)	Lpath	LT1002	1547
SK2 (SPHK2)	abcam	ab37977	1/100
T-bet	Cell Signaling	13232S	1:00
α-SMA	Novus Biologicals	BLR082G	1:1000