

Table 1. List of antibodies

	Primary Antibodies	Clone/ Cat. No.	Company	Application
1	GFP, Alexa 488	A21311	Invitrogen	IHC
2	PDGFR beta	AF1042	R&D	IHC
3	Endomucin	V.7C7/ sc-65495	Santa Cruz	IHC, FACS
4	Pecam1 conjugated to Alexa Fluor 488	FAB3628G	R&D	IHC, FACS
5	Pecam1 conjugated to APC	FAB3628A	R&D	FACS
6	Pecam1	MEC 13.3 / 553370	BD Pharmingen	FACS
7	α -smooth muscle actin-Cy3	1A4 / C6198	Sigma	IHC
8	Hif1- α	ab65979	Abcam	IHC
9	CD31-APC	FAB3628A	R&D	FACS
10	CD45 Biotin	553077	Becton Dickinson	FACS
11	Ter119	553672	BD Pharmingen	FACS
12	CD31-Alexa Fluor 488	FAB3628G	R&D	FACS
13	CD150 Biotin	LS-C106771	Lifespan Biosciences	IHC
14	CD48	NBP1-76556	Novus Biologicals	IHC
15	Lineage Cocktail mouse AlexaFluor700	133313	BioLegend	IHC
16	CD150 (SLAM) Alexa-488	MCA2274A488	AbD Serotec	FACS
17	CD3e-APC	17-0031	eBioscience	FACS
18	CD11b-APC	101211	BioLegend	FACS
19	TER-119 APC	17-5921-81	eBioscience	FACS
20	CD45.1/Ly-5.1 FITC	MCD45101	Invitrogen	FACS
21	CD48-Cy7	561242	BD Pharmingen	FACS
22	Ephrin B2	sc-1010	SantaCruz	FACS
23	CD140b APC	17-1402-82	eBiosciences	FACS
24	SCF (H-189)	sc-9132	Santa Cruz	IHC
25	CD117-APC (c-Kit)	553356	BD Pharmingen	FACS
26	Ly-6A/E PE-Cy7	558162	BD Pharmingen	FACS
27	CD5 Biotin	13-0051	eBioscience	FACS
28	CD2 Biotin	13-0021	eBioscience	FACS
29	CD4 Biotin	13-0042	eBioscience	FACS
30	CD8a Biotin	13-0081	eBioscience	FACS
31	CD45R (B220)-APC	RM2605	Invitrogen	IHC
32	CD45 Biotin	553077	Becton Dickinson	FACS
33	Sox17	PA5-23352	ThermoScientific	IHC
34	Mouse lineage panel biotin	559971	BD Pharmingen	FACS
35	Phospho Histone H2A.X	05-636	Millipore	IHC
36	PDGF receptor alpha	Clone D1E1E, #3174	Cell Signaling	FACS
37	Osterix	sc-22536-R	Santa Cruz	IHC
38	Ly-6A/E (Sca1)	Clone E13-161.7,122502	BioLegend	FACS
39	Lineage Cell Detection Cocktail-Biotin	130-092-613	Miltenyi Biotec	FACS
40	CD45.2 Pacific Blue	109820	BioLegend	FACS
41	CD45 Biotin	553077	Becton Dickinson	FACS
42	phospho-p44/42 MAPK	4370	Cell Signaling	IHC

	Secondary Antibodies			
43	Streptavidin PE-Cy5	554062	BD Pharmingen	IHC
44	Anti Rabbit APC	711-136-152	Jackson Laboratories	FACS
45	anti rat Alexa Fluor 594	A21209	Invitrogen/ Life Technologies	IHC
46	anti rabbit Alexa Fluor 546	A10040	Invitrogen/ Life Technologies	IHC
47	anti rabbit Alexa Fluor 546	A11035	Invitrogen/ Life Technologies	IHC
48	Streptavidin Brilliant Violet 421	405226	Biolegend (via Biozol)	FACS
49	anti rat-PE (R-Phycoerythrin)	712-116-153	Jackson Immuno Research (Dianova)	FACS
50	Streptavidin PE-Cy5	554062	BD Pharmingen	FACS
51	anti rabbit APC	711-136-152	Jackson Immuno Research	FACS
52	anti rat Alexa Fluor 488	A21208	Invitrogen/ Life Technologies	IHC
53	anti goat Alexa Fluor-488	A11055	Invitrogen/ Life Technologies	IHC
54	anti goat Alexa Fluor-546	A11056	Invitrogen/ Life Technologies	IHC