

Table S1. Primary and secondary antibodies used in multiple immunolabelings

Primary antibody			Secondary antibody	
Antibody	Host	Isotype	Antibody	Code number
Desmin D33	Mouse	IgG1	Donkey anti-Mouse IgG Alexa fluor 488	715-545-151 [†]
			Donkey anti-Mouse IgG Alexa fluor 647	715-605-150 [†]
			Goat anti-Mouse IgG1 Alexa fluor 647	A-21240 [‡]
Nestin MAB 2736	Mouse	IgG2a	Goat anti-Mouse IgG2a Alexa fluor 647	A-21241 [‡]
			Goat anti-Mouse IgG2a Alexa fluor 549	A-21135 [‡]
Nestin MAB 1259	Mouse	IgG1	Donkey anti-Mouse IgG Alexa fluor 488	715-545-151 [†]
Vimentin V9	Mouse	IgG1	Donkey anti-Mouse IgG Alexa fluor 488	715-545-151 [†]
Keratin 19 Ab15463	Rabbit	IgG1	Donkey anti-Rabbit IgG Alexa fluor 488	711-545-152 [†]
			Donkey anti-Rabbit IgG Alexa fluor 647	711-605-152 [†]
Lammin	Sheep	IgG1	Donkey anti-Sheep IgG RhRed	713-295-147 [†]
			Donkey anti-Sheep IgG 647	713-605-147 [†]
Tenascin	Mouse	IgG1	Donkey anti-Mouse IgG Alexa fluor 488	715-545-151 [†]
			Donkey anti-Mouse IgG RhRed	715-295-151 [†]
MyHCI BA-D5	Mouse	IgG2b	Goat anti-Mouse IgG2b Alexa fluor 594	A-21145 [‡]
			Donkey anti-Mouse IgG DyLight 405	715-475-151 [†]
MyHCIIa A4.74	Mouse	IgG1	Goat anti-Mouse IgG1 Alexa fluor 594	A-21125 [‡]
			Goat anti-Mouse IgG1 Alexa fluor 647	A-21240 [‡]
			Donkey anti-Mouse IgG DyLight 405	715-475-151 [†]
MyHCI+IIa+eom N2.261	Mouse	IgG1	Donkey anti-Mouse IgG RhRed	715-295-151 [†]

RhRed: Rhodamine Red.

†: Purchased from Jackson ImmunoResearch Europe Ltd., Newmarket, UK.

‡: Purchased from Molecular Probes, Inc., Eugene, OR, USA.