

Additional file 6: list of antibodies used for immunostaining experiments

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primary antibody	species	dilution	source	catalog number	
E-cadherin	mouse	1/1000	BD Biosciences	610182	
Muc1	hamster	1/200	Neomarkers	HM-1630-P	
Laminin	rabbit	1/50	Sigma	L9393	
ZO-1	rabbit	1/100	Zymed	61-7300	
GM-130	mouse	1/100	BD Biosciences	610822	
Pericentrin	rabbit	1/2000	Covance	PRB-432C	
CXCR7	mouse	1/400	Chemocentryx	N/A	
Insulin	guinea pig	1/100	DAKO-cytomation	A0564	
Glucagon	rabbit	1/100	DAKO-cytomation	A-0565	
Carboxypeptidase A	rabbit	1/1000	Biogenesis	1810-0006	
Acetylated tubulin	mouse	1/5000	Sigma	T6793	
Cleaved Caspase 3	rabbit	1/200	Cell signaling	9661	
Phopho Histone H3	rabbit	1/50	Cell signaling	9701	
PECAM	rat	1/100	BD Biosciences	550274	
Secondary molecules and fluorescent probes		species	dilution	source	catalog number
anti-goat/Alexafluor 594		donkey	1/2000	Invitrogen	A11058
anti-mouse/Alexafluor 488		donkey	1/1000	Invitrogen	A21202
anti-mouse/Alexafluor 488 IgG2a		goat	1/1000	Invitrogen	A21131
anti-mouse/Alexafluor 594		donkey	1/1000	Invitrogen	A21203
anti-mouse/Alexafluor 594 IgG1		goat	1/1000	Invitrogen	A21125
anti-rabbit/Alexafluor 594		donkey	1/2500	Invitrogen	A21207
anti-rabbit/Alexafluor 660		goat	1/1000	Invitrogen	A21074
anti-rat/Alexafluor 488		goat	1/1000	Invitrogen	A21208
anti-mouse/Alexafluor 568 IgG1		goat	1/1000	Invitrogen	A21124
strepatvidin/Alexafluor 488			1/2000	Invitrogen	S11223
anti-Armenian Hamster/biotinylated		goat	1/500	Jackson	127-065-160