

Table S2. Immunostaining protocols

Antigen	Fixation	Blocking	Primary Antibody	Dilution	Secondary Antibody	Dilution	Color development	Counter-stain
AFP	4% PAF, RT	3% Goat serum	MFCD00162111 (#A8452, Sigma)	1:500	Peroxidase-conjugated anti-mouse IgG (#A3682, Sigma)	1:200	DAB	-
Alb	4% PAF, RT	3% Goat serum	HSA-11 clone (#A6684, Sigma)	1:1000	FITC-conjugated IgG (#F9137, Sigma)	1:300	-	DAPI
Alb	4% PAF, RT	3% Goat serum	IgG fraction antiserum (#A0433, Sigma)	1:1000	FITC-conjugated IgG (#F0382, Sigma)	1:300	-	-
CK-19	4% PAF, RT	3% Goat serum	RPN 1165 (Amersham Pharmacia Biotech Inc., Piscataway, NJ)	1:100	Peroxidase-conjugated IgG (#A3682, Sigma)	1:200	DAB	-
CK-19	4% PAF, RT	5% Donkey serum	RPN 1165 (Amersham Pharmacia Biotech)	1:100	Rhodamine-conjugated IgG (#715-295-150, Jackson ImmunoRes., West Grove, PA)	1:500	-	DAPI
Ep-CAM	4% PAF, RT	5% Donkey serum	MCA850H (Serotec Ltd., Raleigh, NC)	None	Rhodamine-conjugated anti mouse IgG (#715-295-150, Jackson Immuno Research)	1:500	-	DAPI
GFP	4% PAF, RT	5% goat serum 1% BSA, 0.1% Triton X-100	Rabbit anti-GFP (#A-6455, Molecular Probes, Eugene, OR)	1:300	FITC-conjugated anti-rabbit IgG (#F0382, Sigma)	1:40	-	DAPI
Ki-67	Ethanol, 4°C	3% Goat serum	Mouse monoclonal (#550609, Pharmingen Inc., San Diego)	1:25	Peroxidase-conjugated anti-mouse IgG (#A3682, Sigma)	1:200	DAB	-
α-SMA	4% PAF, RT		Anti-α smooth muscle-Cy3™ (#C6198, Sigma)	1:800	-	-	-	DAPI
Vimentin	4% PAF, RT	5% Donkey serum	V212210 (United States Biological, Swampscott, MA)	1:100	Rhodamine-conjugated anti mouse IgG (#715-295-150, Jackson Immuno Research)	1:500	-	DAPI
Common	10 min	1 h, RT	2 h incubation, RT	-	1 h incubation, RT	-	-	-

RT= room temperature; PFA= paraformaldehyde; DAPI = 4',6-Diamidino-2-phenylindole; DAB = diaminobenzidine