

Supplemental Table 1. Antibodies and substrates used for immunohistochemistry

Antibody	Manufacturer	Catalog number	Dilution
Anti-CD44	eBioscience	17-0441	1:250
Anti-Ki67	Vector	VP-K451	1:1000
Anti-beta tubulin	Sigma	T7941	1:400
Anti-Pax8	ProteinTech	10336-1-AP	1:1000
Biotinylated anti-mouse	Vector	BMK-2202	1:1000
Biotinylated anti-rabbit	Jackson IR	111-065-003	1:1000
Biotinylated anti-rat	eBioscience	13-4813-85	1:1000
Alkaline phosphatase anti-rabbit	Vector	AP-1000	1:500
Streptavidin-horseradish peroxidase	Jackson IR	016-030-084	1:1000
DAB substrate kit	Biogenex	HK542-XAK	
Vector red alkaline phosphatase substrate kit	Vector	SK-5100	

Supplemental Table 2. Antibodies used for FACS analysis

Antibody	Manufacturer	Catalog number
Anti-Mouse TER-119 FITC	eBioscience	11-5921-85
Anti-Mouse CD45 (clone 30-F11)	eBioscience	11-0451-02
Anti-Mouse CD31 (PECAM-1)	eBioscience	14-0311-82
Anti-Mouse CD326 (EpCAM) PE	eBioscience	12-5791-81