

Supplementary Table 1. Antibodies used in the study

ANTIBODY	GENE SYMBOL	HOST AND CLONE	ANTIGEN RETRIEVAL	DILUTION	DETECTION SYSTEM	CELLULAR LOCALIZATION	MANUFACTURER
$\beta$ -catenin	<i>CTNNB1</i>	Mouse / $\beta$ -catenin-1	TRS, Low pH, Dako	1 : 200	Envision, Dako	N, C	Dako
CD10	<i>MME</i>	Mouse / 56C6	TRS, High pH, Dako	prediluted	Envision FLEX, Dako	M	Dako
CD56	<i>NCAM1</i>	Mouse / 123C3	TRS, High pH, Dako	prediluted	Envision FLEX +, Dako	M	Dako
Progesterone receptor	<i>PGR</i>	Mouse / PgR 363	TRS, High pH, Dako	prediluted	Envision FLEX +, Dako	N	Dako
Synaptophysin	<i>SYP</i>	Mouse / DAK-SYNAP	TRS, High pH, Dako	prediluted	Envision FLEX, Dako	C	Dako
p53	<i>TP53</i>	Mouse / DO-7	TRS, High pH, Dako	prediluted	Envision FLEX +, Dako	N	Dako
Ki-67	<i>MKI67</i>	Mouse / MIB-1	TRS, Low pH, Dako	prediluted	Envision FLEX, Dako	N	Dako
Claudin-5	<i>CLDN5</i>	Mouse / 4C3C2	EDTA Buffer for Antigen Retrieval, LabVision	1 : 50	Envision, Dako	C, M	Invitrogen

TRS – Target Retrieval Solution; N – nucleus; C – cytoplasm; M – membrane; Dako – Dako Cytochromes, Glostrup, Denmark; Invitrogen – Invitrogen, Life Technologies, Grand Island, NY, USA; LabVision – LabVision, Thermo Scientific, Kalamazoo, USA