

Supplementary Table 1) Antibodies list

Antibody target	Source	Catalogue number	[Stock]	Dilution
Keratin 12 (K12)	Santa Cruz Biotechnology	sc-25722	200µg/mL	1:100
Keratin 14 (K14)	Fisher Scientific	MS-115-R7	Not Available	1:50
Cytokeratins (PanCK)	Dako Omnis	M3515	Not Available	1:100
Vimentin (Vim)	Abcam	ab92547	1.062mg/mL	1:100
p63α	Cell Signaling Technology	4892	Not Available	1:100
Alexa Fluor 488	ThermoFisher Scientific	A11029	2mg/mL	1:500
Alexa Fluor 546	ThermoFisher Scientific	A11035	2mg/mL	1:500