



EPCAM

Epithelial cells, tumors

Antibody Information

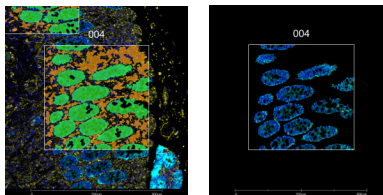
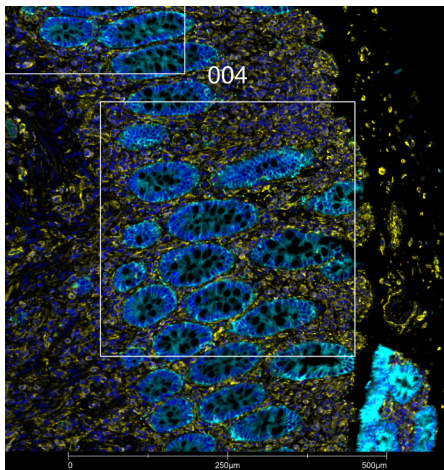
Clone ID	EPR677(2)
Fluorophore	AF647
Antibody Concentration	6 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3369850-1

Immunofluorescent Screening Information

Tissue Type	FFPE Human prostate, colon, breast, colon adenocarcinoma, breast carcinoma
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab275346



EPCAM (cyan) localizes to epithelial cells in human colon (left image). The expression pattern of these EPCAM+ epithelial cells can be isolated from VIM+ mesenchymal intermediate filaments (yellow) through GeoMx segmentation (right image).

Legend

EPCAM: cyan VIM: yellow
SYTO13: blue
Segmentation for EPCAM: green
Segmentation for VIM: orange

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	3
ROI Type	Geometric or Segmented

* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit nanosttring.com/GeoMxDSP

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