



Epcam

Epithelial cells; tumors

Antibody Information

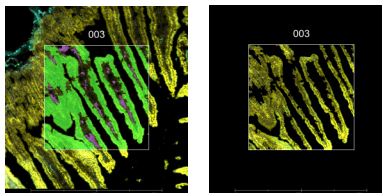
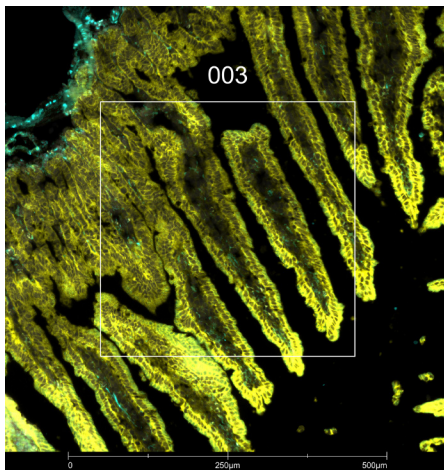
Clone ID	EPR20533-63
Fluorophore	AF488
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3331656-3

Immunofluorescent Screening Information

Tissue Type	FrF Mouse colon, kidney, lung
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	fresh frozen / OCT

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab237384



Epcam (yellow) localizes to epithelial cells in mouse intestine (left image). The expression pattern of the Epcam+ epithelial cells can be isolated from the Vim+ intermediate filaments (cyan) through GeoMx segmentation (right image).

Legend

Epcam: yellow Vim: cyan
SYTO83: grey
Segmentation for Epcam: green
Segmentation for Vim: purple

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.9
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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