



Epcam

Tumors; epithelial tissue

Antibody Information

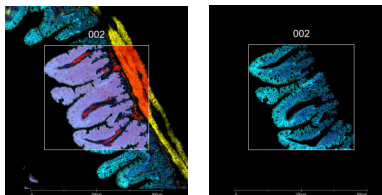
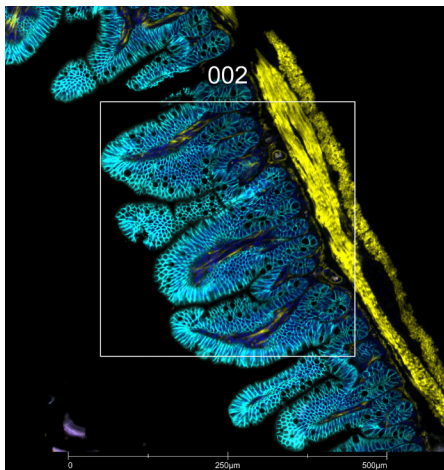
Clone ID	EPR20533-63
Fluorophore	AF488
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3331656-3

Immunofluorescent Screening Information

Tissue Type	FFPE Mouse colon, lung, kidney
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	ab237384



Epcam (cyan) localizes to epithelial cells in mouse colon (left image). The expression pattern of these Epcam+ water channels can be isolated from Myh11+ smooth muscle (yellow) through GeoMx segmentation (right image).

Legend

Epcam: cyan
 Myh11: yellow
 SYTO83: blue
 Segmentation for Epcam: purple
 Segmentation for Myh11: red

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	10.4
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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