



Vim

Intermediate filaments of mesenchymal origin; sarcomas

Antibody Information

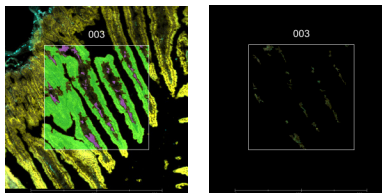
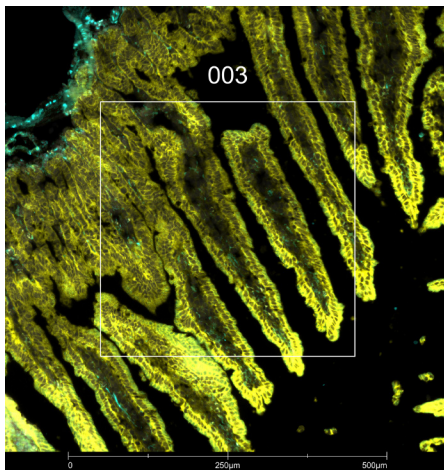
Clone ID	E-5
Fluorophore	AF647
Antibody Concentration	10 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1 Kappa
Lot Tested	10221

Immunofluorescent Screening Information

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

Vendor Information

Vendor	Santa Cruz
Catalog Number/Web Link	sc-373717 AF647



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

Legend

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

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	7.7
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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