



Acta2

Fibroblasts, smooth muscle, cell motility

Antibody Information

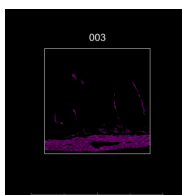
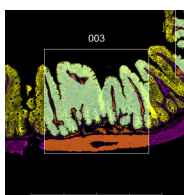
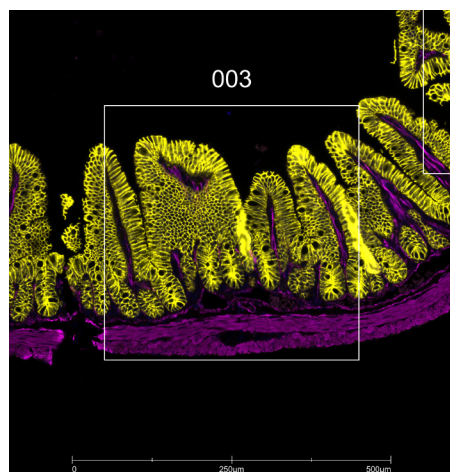
Clone ID	SP171
Fluorophore	AF488
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR34221262-1

Immunofluorescent Screening Information

Tissue Type	Mm colon, small intestine, heart, kidney, lung, liver, brain
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	ab267536



Acta2 (magenta) localizes to fibroblasts and smooth muscle in mouse colon (left image). The expression pattern of the Acta2+ fibroblasts and smooth muscle can be isolated from E-cadherin+ adherens junctions (yellow) through GeoMx segmentation (right image).

Legend

Acta2: magenta E-cadherin: yellow
 SYTO83: blue
 Segmentation for Acta2: orange
 Segmentation for E-cadherin: green

Stained Image Data

Exposure Time	200 ms
Signal-to-Noise	15.1
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

NanoString Technologies, Inc.

530 Fairview Avenue North
 Seattle, Washington 98109

T (888) 358-6266
 F (206) 378-6288

[nanosttring.com](#)
[info@nanosttring.com](#)

Sales Contacts

United States [us.sales@nanosttring.com](#)
 EMEA: [europe.sales@nanosttring.com](#)

Asia Pacific & Japan [apac.sales@nanosttring.com](#)
 Other Regions [info@nanosttring.com](#)