



ACTA2

Fibroblasts, smooth muscle, cell motility

Antibody Information

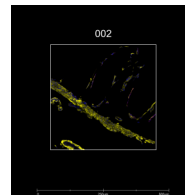
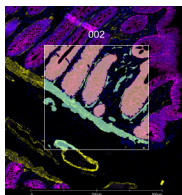
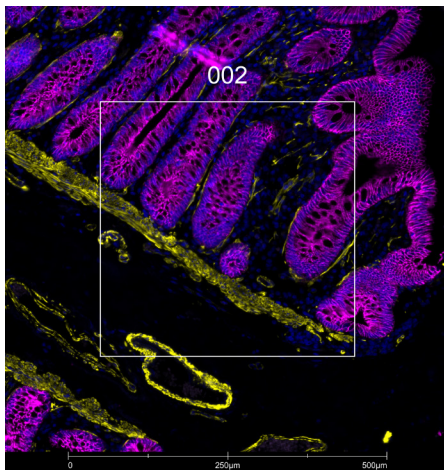
Clone ID	1A4
Fluorophore	AF594
Antibody Concentration	1 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG2a
Lot Tested	GR3395316-4

Immunofluorescent Screening Information

Tissue Type	Hs colon, bladder, myometrium, lung, kidney, prostate
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	ThermoFisher
Catalog Number/Web Link	IC1420T025



ACTA2 (yellow) localizes to fibroblasts and smooth muscle in human colon (left image). The expression pattern of these ACTA2+ smooth muscle cells can be isolated from E-cadherin+ adherens junctions (magenta) through GeoMx segmentation (right image).

Legend

ACTA2: yellow E-cadherin: magenta
 SYTO13: blue
 Segmentation for ACTA2: green
 Segmentation for E-cadherin: orange

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	20.5
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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