



ACTA2

Fibroblasts, smooth muscle, cell motility

Antibody Information

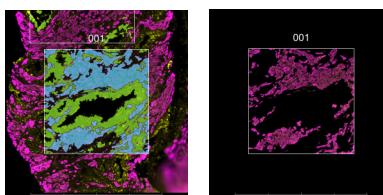
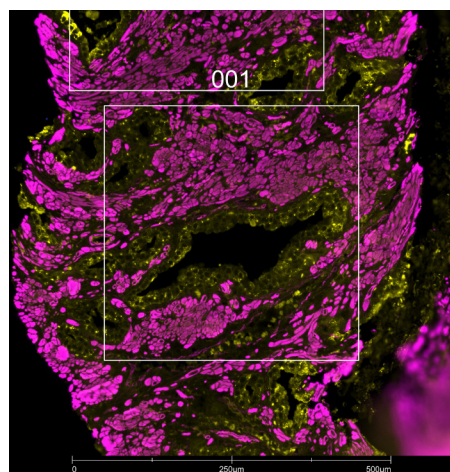
Clone ID	SP171
Fluorophore	AF647
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3331542-1

Immunofluorescent Screening Information

Tissue Type	Hs prostate, lung, liver, colon, breast, tonsil
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	ab267537



ACTA2 (magenta) localizes to fibroblasts and smooth muscle in human prostate (left image). The expression pattern of these ACTA2+ smooth muscle cells can be isolated from CD57+ glandular cells (yellow) through GeoMx segmentation (right image).

Legend

ACTA2: magenta CD57: yellow
 SYTO83: blue
 Segmentation for ACTA2: blue
 Segmentation for CD57: green

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	32
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