



ACTA2

Fibroblasts, smooth muscle, cell motility

Antibody Information

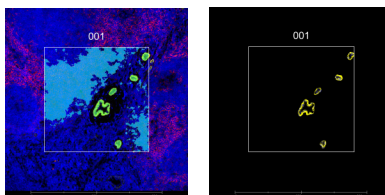
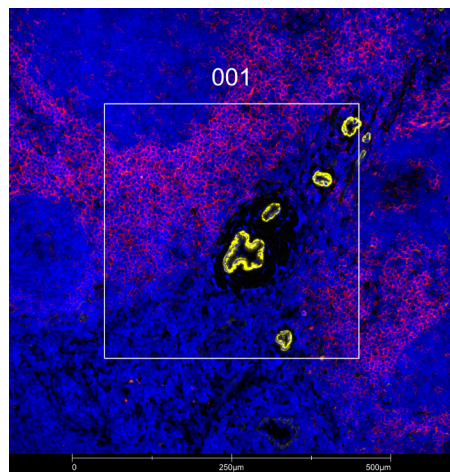
Clone ID	SP171
Fluorophore	AF488
Antibody Concentration	2 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR34221262-1

Immunofluorescent Screening Information

Tissue Type	Hs tonsil
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	fresh frozen / OCT

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab267536



ACTA2 (yellow) localizes to fibroblasts and smooth muscle in human tonsil (left image). The expression pattern of these ACTA2+ smooth muscle cells can be isolated from CD4 thymocytes (red) through GeoMx segmentation (right image).

Legend

ACTA2: yellow CD4: red
 SYTO83: blue
 Segmentation for ACTA2: green
 Segmentation for CD4: blue

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	45
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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