



MUC1

Epithelial cancers; secretory epithelium

Antibody Information

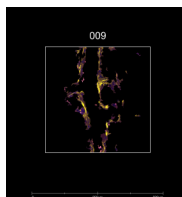
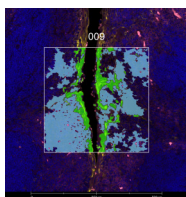
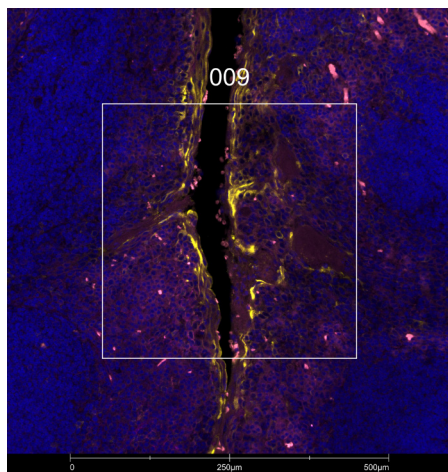
Clone ID	139H2
Fluorophore	AF594
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1 Kappa
Lot Tested	5PABx210519-120621-AF594

Immunofluorescent Screening Information

Tissue Type	FFPE Human tonsil
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Novus
Catalog Number/Web Link	NBP2-47888AF594



MUC1 (yellow) localizes to the luminal epithelium in human tonsil (left image). The expression pattern of the MUC1+ luminal epithelium can be isolated from the CD138+ cytoskeleton-interstitial matrix (magenta) through GeoMx segmentation (right image).

Legend

MUC1: yellow CD138: magenta
 SYTO83: blue
 Segmentation for MUC1: green
 Segmentation for CD138: light blue

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.7
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

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