nanoString

COL6A1 / Collagen VI

Extracellular matrix

Antibody Information

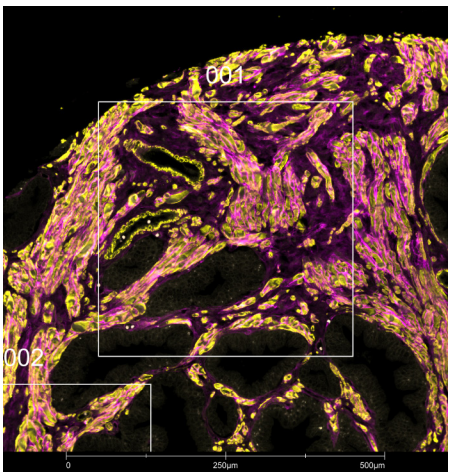
Clone ID	EPR17072
Fluorophore	AF594
Antibody Concentration	3 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3286866-1

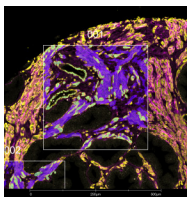
Immunofluorescent Screening Information

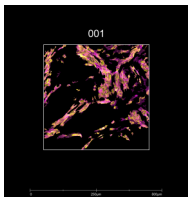
Tissue Type	Hs prostate, lung, lung adenocarcinoma, liver, hepatocellular carcinoma, breast, tonsil
Section Thickness	5 µm
HIER	10 min 100˚C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab207292







COL6A1 (magenta) localizes to extracellular matrix in human prostate (left image). The expression pattern of the COL6A1+ extracellular matrix can be isolated from ACTA2+ fibroblasts and smooth muscle cells (yellow) through GeoMx segmentation (right image).

Legend

COL6A1: magenta ACTA2: yellow
SYTO83: grey
Segmentation for COL6A1: purple
Segmentation for ACTA2: green

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	6.5
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 nanostring.com/GeoMxDSP

NanoString Technologies, Inc.
530 Fairview Avenue North
Seattle, Washington 98109
T (888) 358-6266
F (206) 378-6288
nanostring.com
info@nanostring.com

Sales Contacts
United States **us.sales@nanostring.com**
EMEA: **europe.sales@nanostring.com**
Asia Pacific & Japan **apac.sales@nanostring.com**
Other Regions **info@nanostring.com**

FOR RESEARCH USE ONLY. Not for use in diagnostic procedures. ©2021 NanoString Technologies, Inc. All rights reserved. NanoString, NanoString Technologies, and the NanoString logo are marks or registered trademarks of NanoString Technologies, Inc., in the United States and/or other countries.