OCLN

Tight junctions

Antibody Information

Clone ID	OCLN/2181
Fluorophore	AF647
Antibody Concentration	10 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1 Kappa
Lot Tested	100506658-1PABX-211006-100721-AF647

Immunofluorescent Screening Information

Tissue Type	FFPE Human colon, kidney, thyroid, fallopian tube
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	NBP3-08879AF647
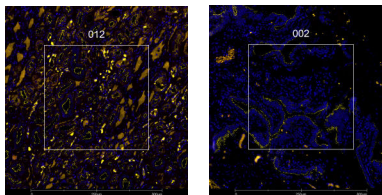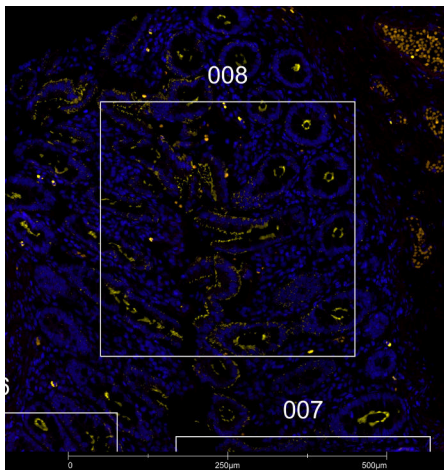
Legend

OCLN: yellow
SYTO13: blue
Autofluorescence: red

The signal-to-noise ratio for this conjugate is not reliably high enough in our assay to allow for GeoMx segmentation. However, the expected staining pattern for OCLN (yellow) in tight junctions can still be observed by an experienced pathologist in human colon (left image), kidney (center image), and fallopian tube (right image) and used to place geometric ROIs.

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	2.5
ROI Type	Geometric only

* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit nanostring.com/GeoMxDSP