



Lgr5

Overexpressed in cancers of the ovary, colon, and liver

Antibody Information

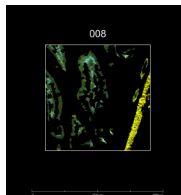
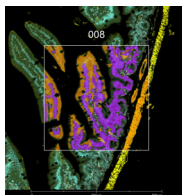
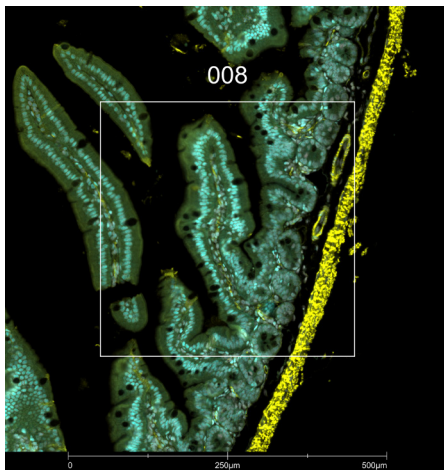
Clone ID	Polyclonal
Fluorophore	AF594
Antibody Concentration	5 µg/mL
Mono or Polyclonal	Poly
Host & Isotype	Rabbit IgG
Lot Tested	E-2-101921-af594

Immunofluorescent Screening Information

Tissue Type	FFPE Mouse small intestine, colon
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	NBP1-28904AF594



Lgr5 (yellow) localizes to stem cells in mouse colon crypts (left image). The expression pattern of the Lgr5+ stem cells can be isolated from Elavl1+ nuclei (cyan) through GeoMx segmentation (right image).

Legend

Lgr5: yellow
SYTO13: grey
Segmentation for Lgr5: orange
Segmentation for Elavl1: purple

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	5.1
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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