



HLA-G

Trophoblasts, thymic epithelial cells, tumors

Antibody Information

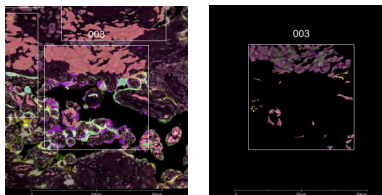
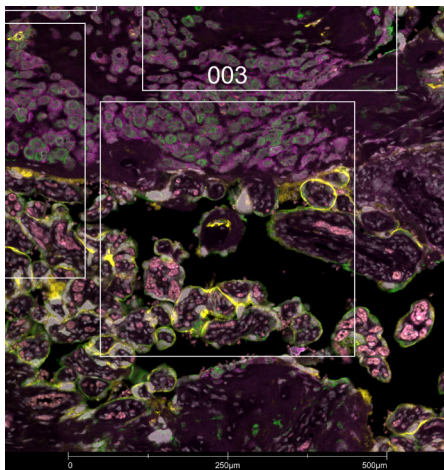
Clone ID	4H84
Fluorophore	AF488
Antibody Concentration	2 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1 Kappa
Lot Tested	D2319

Immunofluorescent Screening Information

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

Vendor Information

Vendor	Santa Cruz
Catalog Number/Web Link	sc-21799 AF488



HLA-G (magenta) localizes to trophoblasts in human placenta (left image). The expression pattern of these HLA-G+ trophoblasts can be isolated from CD138+ sulfate-bearing proteoglycans (yellow) and Pan-KRT+ (green) epithelial cells through GeoMx segmentation (right image).

Legend

HLA-G: magenta CD138: yellow
 Pan-KRT: green SYTO83: grey
 Segmentation for HLA-G: pink
 Segmentation for CD138: blue
 Segmentation for Pan-KRT: purple

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	3.7
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

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