



IBA1

Glial cells

Antibody Information

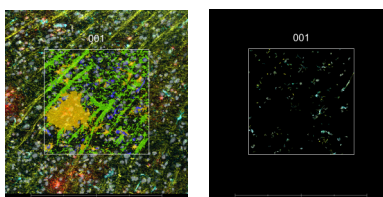
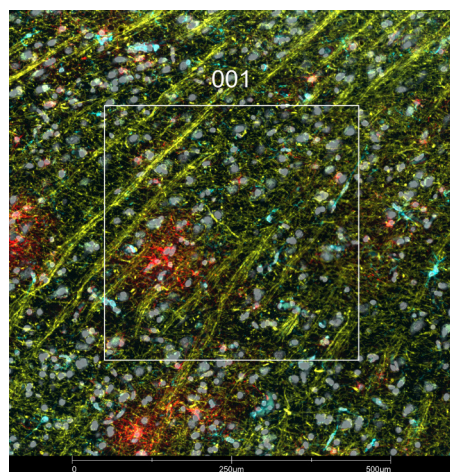
Clone ID	E4O4W
Fluorophore	AF488
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

Immunofluorescent Screening Information

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

Vendor Information

Vendor	Cell Signaling Technology
Catalog Number/Web Link	20825



IBA1 (cyan) localizes to microglia in human brain (left image). The expression pattern of these IBA1+ microglia can be isolated from MBP+ neurons (yellow) and GFAP+ astrocytes (red) through GeoMx segmentation (right image).

Legend

IBA1: cyan GFAP: red
 MBP: yellow SYTO83: grey
 Segmentation for IBA1: blue
 Segmentation for GFAP: yellow
 Segmentation for MBP: green

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.3
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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