



IBA1

Glial cells

Antibody Information

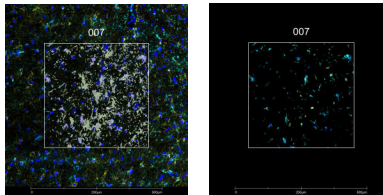
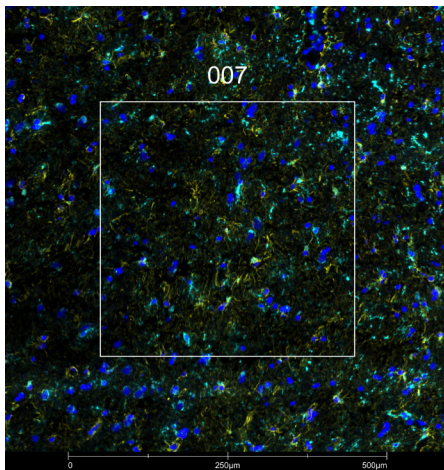
Clone ID	E4O4W
Fluorophore	AF647
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

Immunofluorescent Screening Information

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

Vendor Information

Vendor	Cell Signaling Technology
Catalog Number/Web Link	78060



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

Legend

IBA1: cyan
 GFAP: yellow
 SYTO13: blue
 Segmentation for IBA1: purple
 Segmentation for GFAP: white

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	10.5
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 nanosttring.com/GeoMxDSP

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