



MBP

Myelin Basic Protein, all neurons

Antibody Information

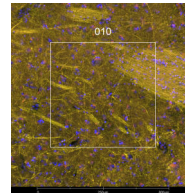
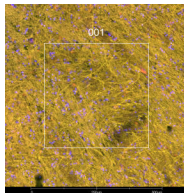
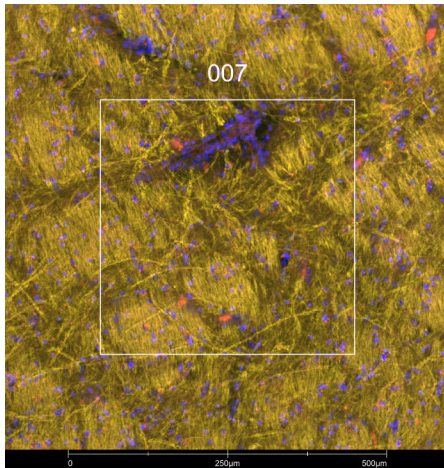
Clone ID	D8X4Q
Fluorophore	AF488
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

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	73004S



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 MBP (yellow) in neurons can still be observed by an experienced pathologist in human brain (example images shown) and used to place geometric ROIs.

Legend

MBP: yellow
SYTO13: blue
Autofluorescence: red

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	2.6
ROI Type	Geometric only

* 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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