



# MBP

## Myelin Basic Protein, all neurons

### Antibody Information

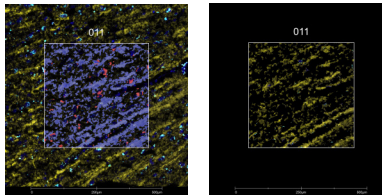
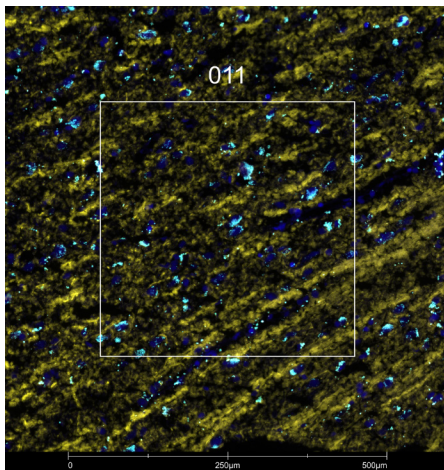
Clone ID	D8X4Q
Fluorophore	AF594
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

### 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	<a href="#">41168S</a>



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

### Legend

MBP: yellow      GFAP: cyan  
 SYTO83: blue  
 Segmentation for MBP: purple  
 Segmentation for GFAP: red

### Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	5.3
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](https://nanosttring.com/GeoMxDSP)

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