MBP

Myelin Basic Protein, all neurons

Antibody Information

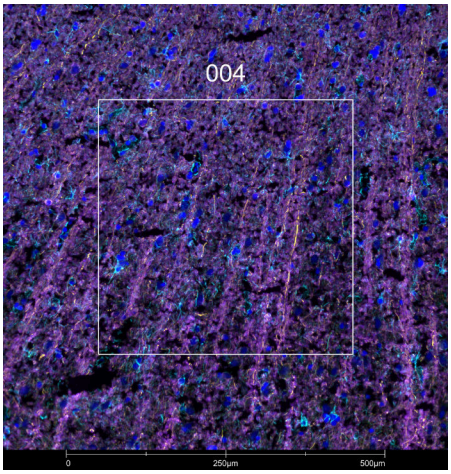
Clone ID	D8X4Q
Fluorophore	AF647
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

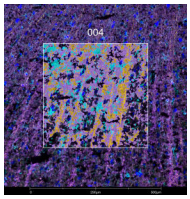
Immunofluorescent Screening Information

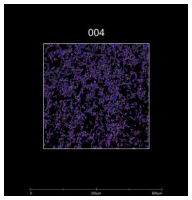
Tissue Type	FrF Human brain
Section Thickness	5 µm
HIER	10 min 100˚C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	fresh frozen / OCT

Vendor Information

Vendor	Cell Signaling Technology
Catalog Number/Web Link	30103S







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

Legend

MBP: purple GFAP: cyan
NEFH: yellow SYTO13: grey
Segmentation for MBP: purple
Segmentation for GFAP: cyan
Segmentation for NEFH: yellow

Stained Image Data

Exposure Time	200 ms
Signal-to-Noise	5.8
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 nanostring.com/GeoMxDSP

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