MBP

Myelin Basic Protein, all neurons

Antibody Information

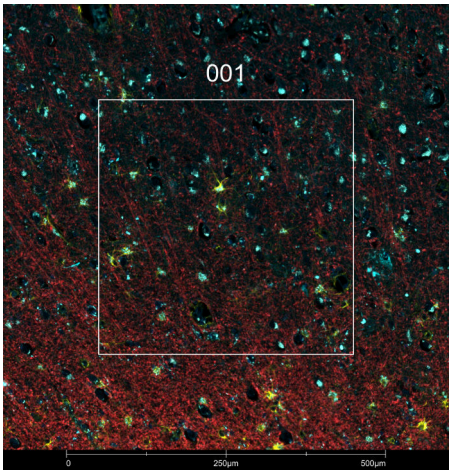
Clone ID	P82H9
Fluorophore	AF647
Antibody Concentration	0.5 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1 Kappa
Lot Tested	B281123

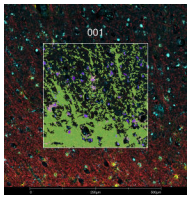
Immunofluorescent Screening Information

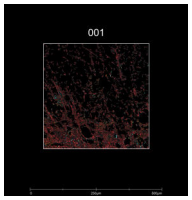
Tissue Type	FFPE Human brain
Section Thickness	5 µm
HIER	10 min 100˚C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	BioLegend
Catalog Number/Web Link	850909







MBP (red) localizes to neurons in human Alzheimer's diseased brain (left image). The expression pattern of these MBP+ neurons can be isolated from GFAP+ astrocytes (yellow) and phospho-Tau T181+ aggregates (cyan) through GeoMx segmentation (right image).

Legend

MBP: red GFAP: yellow
p-Tau T181: cyan SYTO83: blue
Segmentation for MBP: green
Segmentation for GFAP: pink
Segmentation for p-Tau T181: purple

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.8
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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