



MAP2

Microtubules

Antibody Information

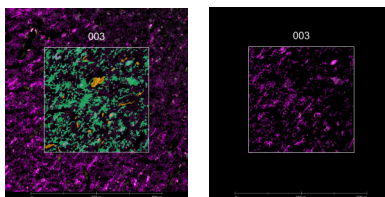
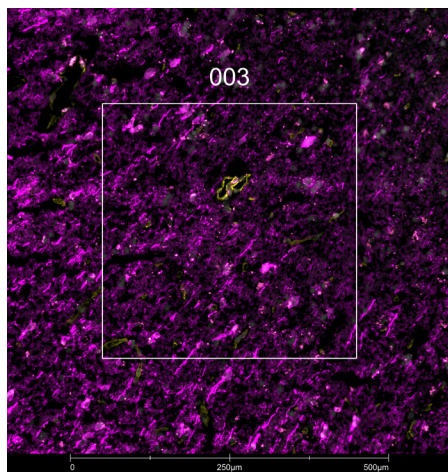
Clone ID	EPR19691
Fluorophore	AF647
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3325442-3

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	Abcam
Catalog Number/Web Link	ab225315



MAP2 (magenta) localizes to microtubules in human brain (left image). The expression pattern of these MAP2+ microtubules can be isolated from VIM+ intermediate filaments (yellow) through GeoMx segmentation (right image).

Legend

MAP2: magenta VIM: yellow
SYTO83: grey
Segmentation for MAP2: green
Segmentation for VIM: orange

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.6
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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