MAP2
Microtubules

Antibody Information
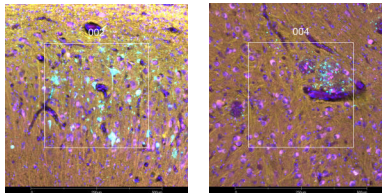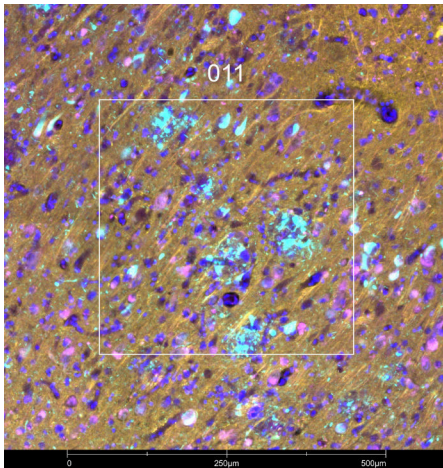
Clone ID	EPR19691
Fluorophore	AF488
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3298735-5

Immunofluorescent Screening Information

Tissue Type	FFPE Human Alzheimer's diseased brain
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab225316

Legend

MAP2: magenta
TUBB3: yellow
p-Tau T181: cyan
SYTO83: blue

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 MAP2 (magenta) in microtubules can still be observed by an experienced pathologist in human Alzheimer's diseased brain (all images) and used to place geometric ROIs.

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	2.5
ROI Type	Geometric only

* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit nanostring.com/GeoMxDSP