



# GFAP

## Glial Fibrillary Acidic Protein in Mature Astrocytes

### Antibody Information

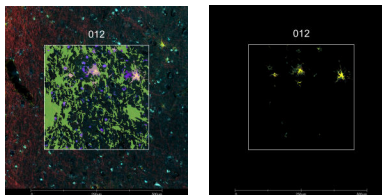
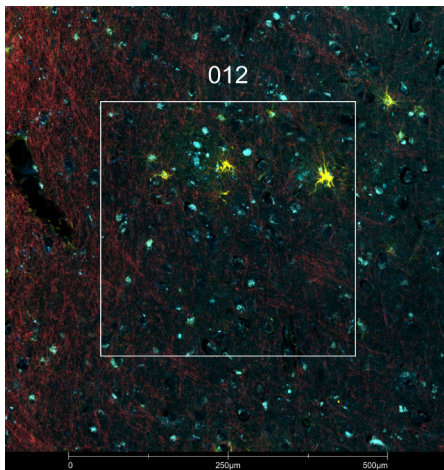
Clone ID	5C10
Fluorophore	AF594
Antibody Concentration	4 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1
Lot Tested	012219-081821-AF594

### 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	Novus
Catalog Number/Web Link	<a href="#">NBP1-05197AF594</a>



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

### Legend

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

### Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	9.2
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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