



Tau - Phospho (S404)

Neurons; Alzheimer's diseased brain plaques

Antibody Information

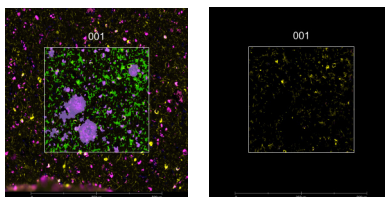
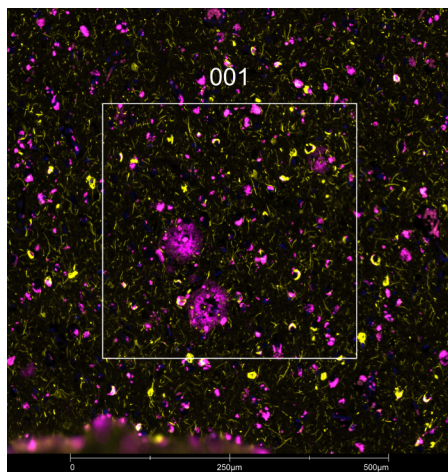
| | |
|------------------------|------------|
| Clone ID | D2Z4G |
| Fluorophore | AF488 |
| Antibody Concentration | 2 µg/mL |
| Mono or Polyclonal | Mono |
| Host & Isotype | Rabbit IgG |
| Lot Tested | 1 |

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 | Cell Signaling Technology |
| Catalog Number/Web Link | 91600S |



Phospho-Tau S404 (yellow) localizes to aggregates in human Alzheimer's diseased brain (left image). The expression pattern of these p-Tau S404+ aggregates can be isolated from APP+ β amyloid plaques (magenta) through GeoMx segmentation (right image).

Legend

p-Tau S404: yellow
 APP: magenta
 SYTO83: blue
 Segmentation for p-Tau S404: green
 Segmentation for APP: purple

Stained Image Data

| | |
|-----------------|------------------------|
| Exposure Time | 300 ms |
| Signal-to-Noise | 16.7 |
| 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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