



# Th

## Neuronal marker

### Antibody Information

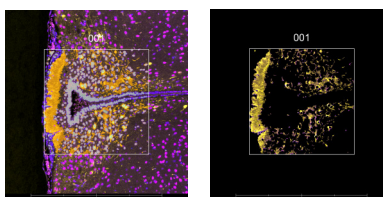
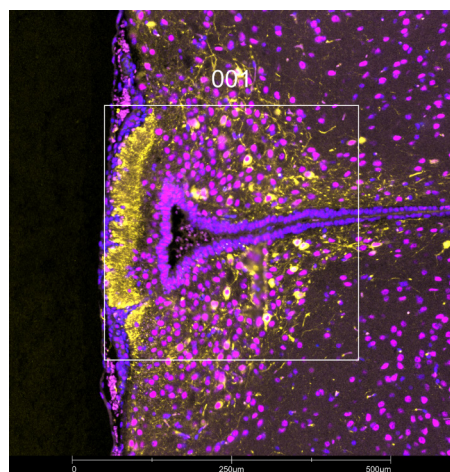
|                        |             |
|------------------------|-------------|
| Clone ID               | EP1533Y     |
| Fluorophore            | PE          |
| Antibody Concentration | 2 µg/mL     |
| Mono or Polyclonal     | Mono        |
| Host & Isotype         | Rabbit IgG  |
| Lot Tested             | GR3372342-2 |

### Immunofluorescent Screening Information

|                            |              |
|----------------------------|--------------|
| Tissue Type                | Mm 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 | <a href="#">ab209921</a> |



Th (yellow) localizes to neurons in mouse brain (left image). The expression pattern of the Th+ neurons can be isolated from Tdp43+ nuclei (magenta) through GeoMx segmentation (right image).

### Legend

Th: yellow      Tdp43: magenta  
SYTO13: blue  
Segmentation for Th: orange  
Segmentation for Tdp43: green

### Stained Image Data

|                 |                        |
|-----------------|------------------------|
| Exposure Time   | 300 ms                 |
| Signal-to-Noise | 4                      |
| 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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