

## Anti-GFAP antibody (300-432) [PTR2201/470] (STJA0006242)

STJA0006242

### GENERAL INFORMATION

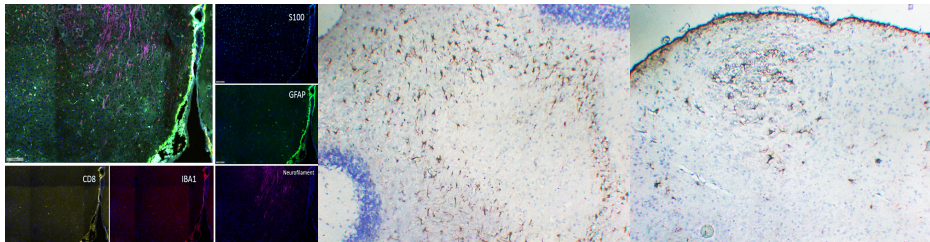
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Glial fibrillary acidic protein (300-432) is suitable for use in Immunohistochemistry, Western Blot and ELISA research applications.
<b>Applications</b>	IHC/WB/ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	PTR2201/470
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was purified using affinity-chromatography using specific immunogen.
<b>Dilution Range</b>	IHC-p 1:200-400 WB 1:200-1000
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1k
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	2670
<b>Gene Symbol</b>	GFAP
<b>Uniprot ID</b>	GFAP_HUMAN
<b>Immunogen</b>	Synthesized peptide derived from human GFAP AA range: 300-432
<b>Immunogen Region</b>	300-432
<b>Specificity</b>	The antibody can specifically recognize human GFAP protein.
<b>Immunogen Sequence</b>	



Fluorescence multiplex immunohistochemical analysis of mouse brain tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit. GFAP mouse monoclonal antibody (STJA0006242 green), S100 mouse monoclonal antibody (STJ197266 cyan), Neurofilament mouse monoclonal antibody (purple), Iba1 mouse monoclonal antibody (red), CD8 mouse monoclonal antibody (yellow). The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Exclon).

mouse brain tissue was stained with Anti-GFAP (PTR2201/470) Antibody

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This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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