

## Anti-GFAP antibody [5C8] (STJ96961)

STJ96961

### GENERAL INFORMATION

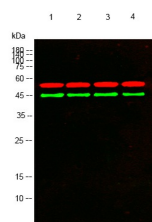
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Glial fibrillary acidic protein is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	WB/IHC/IF
<b>Host/Source</b>	Mouse
<b>Reactivity</b>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

### PRODUCT PROPERTIES

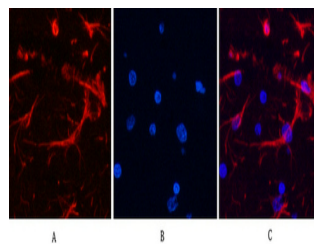
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	5C8
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution Range</b>	WB 1:2000-5000 IF 1:200 IHC 1:50-300
<b>Formulation</b>	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

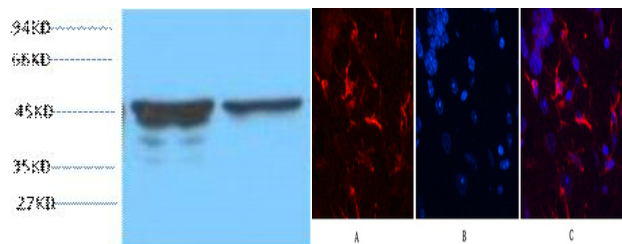
<b>Gene ID</b>	2670
<b>Gene Symbol</b>	GFAP
<b>Uniprot ID</b>	GFAP_HUMAN
<b>Immunogen</b>	Synthetic Peptide of GFAP
<b>Immunogen Region</b>	
<b>Specificity</b>	The antibody detects endogenous GFAP proteins.
<b>Immunogen Sequence</b>	



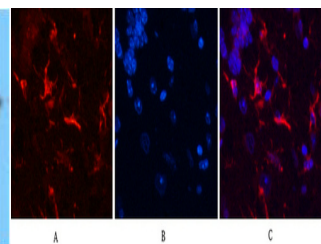
Western blot analysis of lysates from 1) Rat Brain Tissue, 2) HeLa, 3) A431, 4) PC12 cells. (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1hour. (Red) Tubulin Beta Polyclonal Antibody (cat: STJ96145) antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1hour.



Immunofluorescence analysis of Rat-brain tissue. 1. GFAP monoclonal antibody (5C8) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of Rat Brain Tissue, diluted at 1:5000.



Immunofluorescence analysis of Mouse-brain tissue. 1. GFAP monoclonal antibody (5C8) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

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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