

GFAP Mouse Monoclonal Antibody(5C8)

Catalog	TDY082C	TDY082F
Quantity	50 μ L	100 μ L

Tel: 010-82908854
Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	R, M	~45KD	IgG1

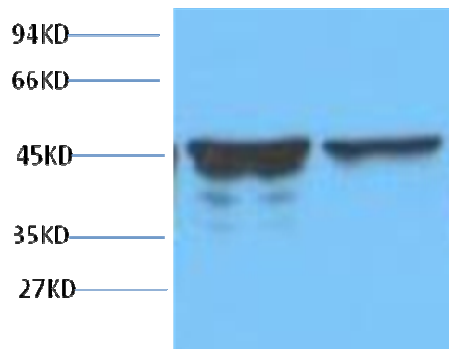
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:2000-5,000 IHC: 1:200-500

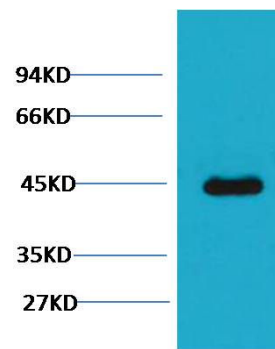
Optimal dilutions should be determined by the end user.

Specificity: The GFAP Mouse Monoclonal antibody detects endogenous GFAP proteins.

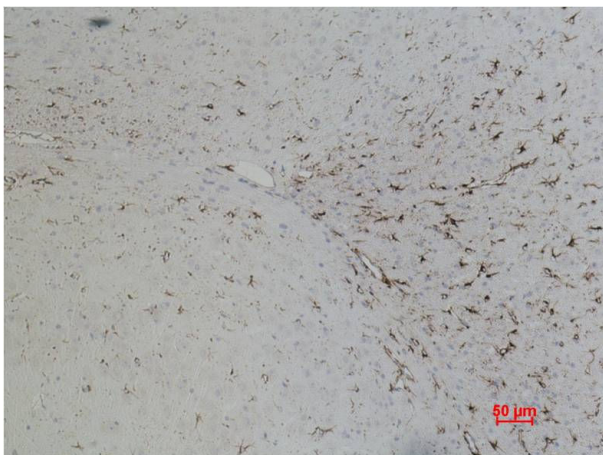
Background: GFAP is a member of the class III intermediate filament protein family. It is heavily, and specifically, expressed in astrocytes and certain other astroglia in the central nervous system, in satellite cells in peripheral ganglia, and in non myelinating Schwann cells in peripheral nerves. In addition, neural stem cells frequently strongly express GFAP. Antibodies to GFAP are therefore very useful as markers of astrocytic cells. In addition many types of brain tumor, presumably derived from astrocytic cells, heavily express GFAP. GFAP is also found in the lens epithelium, Kupffer cells of the liver, in some cells in salivary tumors and has been reported in erythrocytes.



Western blot analysis of Rat Brain Tissue with GFAP mAb diluted at 1:5,000.



Western blot analysis of Mouse Brain Tissue with GFAP mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GFAP (TDY082) Mouse mAb diluted at 1:500.