



Anti-GFAP Mouse Monoclonal Antibody(5F2)

Catalog No.	EM42017-01	EM42017-02
Size	50μl	100μl
Species	Rat	Molecular 45KD

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.

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

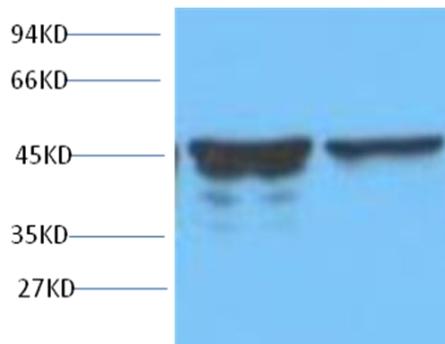
Application: WB: 1:2000-5,000 IHC: 1:200

Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



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