

GFAP Mouse Monoclonal Antibody (5C8)

CATALOG NUMBER: C1360

QUANTITY: 50 μ L

DESCRIPTION: 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.

ISOTYPE: IgG1

MOLECULAR WEIGHT: ~45KD

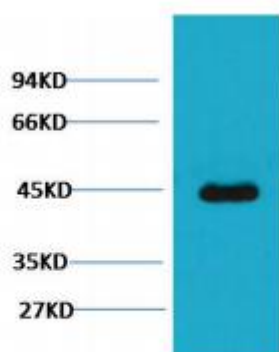
REACTIVITY: Rat Mouse Human

APPLICATIONS: Western Blot: 1:2,000-1:5,000 IHC: 1:200-1:500

***NOTE:** Optimal working dilutions must be determined by the end user

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

Western Blot:



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

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently dislodge any liquid in the container's cap.*