

GFAP Mouse monoclonal Ab

[Images\(2\)](#)

Cat.#: BF8023 Concn.: ~1mg/ml Mol.Wt.: 50kDa
Size: 100ul Source: Mouse Clonality: Monoclonal

Application: IF/ICC 1:100-1:500, WB 1:500-1:2000
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

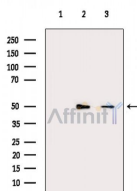
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human GFAP expressed in E. Coli.

Uniprot: P14136

Description: This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. An additional transcript variant has been described, but its full length sequence has not been determined.



Western Blot analysis of extracts from various samples using GFAP Mouse monoclonal Ab.

Lane 1: rat brain tissue, treated with blocking-peptides,

Lane 2: rat brain tissue,

Lane 3: mouse heart tissue.

observed bands: 50kd.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.