

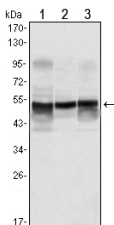
GFAP Ab

Cat.#: BF0345
Size: 50ul,100ul,200ul

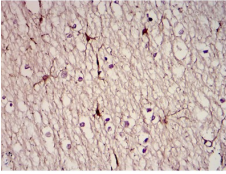
Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 50kDa
Clonality: Monoclonal

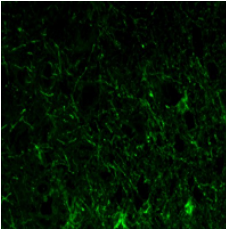
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|-------------------------------|---|
| Application: | ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, IF/ICC 1/200 - 1/1000 |
| Reactivity: | Human,Rat |
| Purification: | Affinity-chromatography. |
| Specificity: | GFAP Ab detects endogenous levels of total GFAP. |
| 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. |
| Subcellular Location: | Cytoplasm. Associated with intermediate filaments. |
| Tissue Specificity: | Expressed in cells lacking fibronectin. |
| Similarity: | Belongs to the intermediate filament family. |
| Storage Condition and Buffer: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt. |



Western blot analysis using GFAP mouse mAb against rat spinal cord(1), rat brain(2), mouse brain(3) lysates.



Immunohistochemical analysis of paraffin-embedded brain tissues using GFAP mouse mAb with DAB staining



Immunofluorescence analysis of paraffin-embedded lobe of brain tissues using GFAP mouse mAb (green).

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.

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