

GFAP Monoclonal Antibody

catalog number: E-AB-22022

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	3H1
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

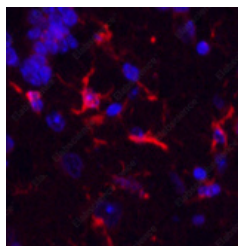
WB	1:500-1:5000
IHC	1:50-1:300
IF	1:100-1:300

Data

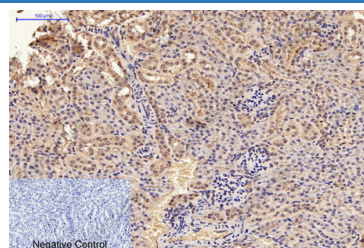


Western Blot analysis of Rat brain using GFAP Monoclonal Antibody at dilution of 1:5000.

Observed-MW:45 kDa
Calculated-MW:50 kDa



Immunofluorescence analysis of Mouse brain tissue using GFAP Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Mouse kidney tissue using GFAP Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Rev. V1.8

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. Alternative splicing results in multiple transcript variants encoding distinct isoforms.