

GFAP Monoclonal Antibody

catalog number: E-AB-22022

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

Description

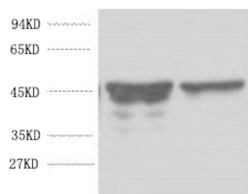
Reactivity	Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	3H1
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

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

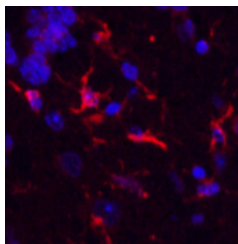
Data



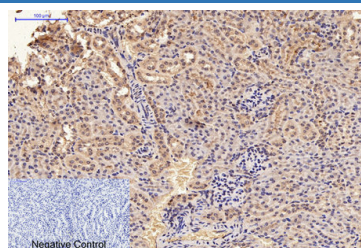
Western Blot analysis of Rat brain using GFAP Monoclonal Antibody at dilution of 1:5000.

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

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.