
Product Name: Glial Fibrillary Acidic Protein(GFAP) Mouse Monoclonal Antibody
Catalog #: AMM22123

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human,Rat,Monkey,Bovin
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:200-400;ELISA 1:500-5000
Molecular Weight	Calculated MW:49kDa,Observed MW:50kDa

Antigen Information

Gene Name	GFAP
Alternative Names	Glial fibrillary acidic protein;GFAP;
Gene ID	Human:2670
SwissProt ID	Human:P14136
Immunogen	Synthesized peptide derived from human GFAP AA range: 300-432

Background

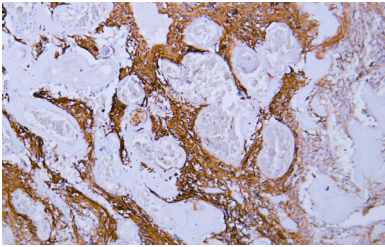
This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

[provided by RefSeq, Oct 2008],

Research Area

Pathology

Image Data



Human astrocytoma tissue was stained with Anti-Glial Fibrillary Acidic Protein (GFAP) Antibody