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GFAP Mouse mAb

Catalog No.: A28062

Recombinant | 1 Publications

Basic Information

Observed MW
50 kDa

Calculated MW
50 kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
AMC50099

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.
Note: This product is a modified chimeric antibody. For multiplex staining of multiple targets, we recommend using Fc-specific secondary antibodies.

Recommended Dilutions

WB	1:2000 - 1:10000
IHC-P	1:1500 - 1:6000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
2670

Swiss-Prot
P14136

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ALXDRD

Contact

400-999-6126
cn.market@abclonal.com.cn
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Product Information

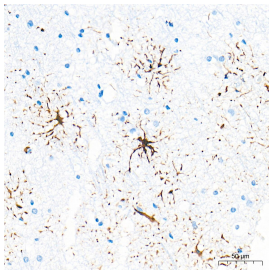
Source
Mouse

Isotype
IgG1. Rabbit-derived mouse chimeric antibody

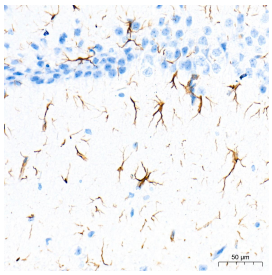
Purity
Affinity purification

Storage
Store at -20℃

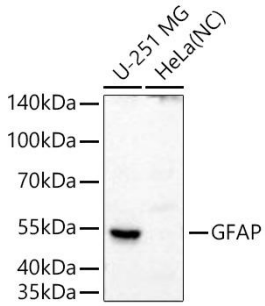
Validation Data



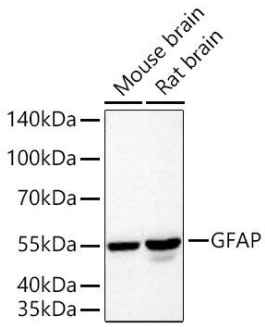
Immunohistochemistry analysis of paraffin-embedded Human brain tissue using GFAP Mouse mAb (A28062) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using GFAP Mouse mAb (A28062) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Western blot analysis of various lysates using GFAP Mouse mAb (A28062) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): HeLa.
Exposure time: 45s.



Western blot analysis of various lysates using GFAP Mouse mAb (A28062) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.