

A11864

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# GFAP Mouse mAb

Catalog No.: A11864

1 Publications

## Basic Information

### Observed MW

50kDa

### Calculated MW

50kDa

### Category

Monoclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:100

**IF/ICC** 1:50 - 1:100

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

2670

### Swiss Prot

P14136

### Immunogen

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

### Synonyms

ALXDRD; GFAP

## Product Information

### Source

Mouse

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

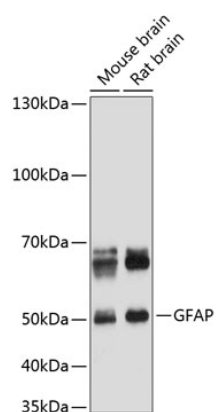
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Western blot analysis of various lysates using GFAP Mouse mAb (A11864).

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.