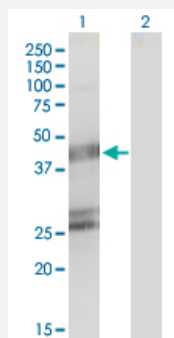


GFAP monoclonal antibody (M02), clone 2E9

Catalog # H00002670-M02

Size 100 ug

Applications

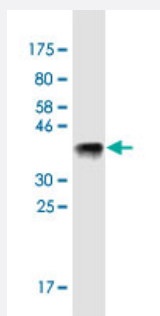


Western Blot (Transfected lysate)

Western Blot analysis of GFAP expression in transfected 293T cell line by GFAP monoclonal antibody (M02), clone 2E9.

Lane 1: GFAP transfected lysate (Predicted MW: 49.9 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GFAP.

Immunogen

GFAP (AAH41765, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

TANSARLEVERDNLAQDLATVRQKLQDETNRLEAENNLAAYRQEADATLARLDLERKIESLEE
EIRFLRKIHEEEVRELQEQLARQQVHVLDVAKPD

Host

Mouse

Reactivity

Human

Isotype

IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of GFAP expression in transfected 293T cell line by GFAP monoclonal antibody (M02), clone 2E9.

Lane 1: GFAP transfected lysate (Predicted MW: 49.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GFAP

Entrez GeneID

[2670](#)

GeneBank Accession#

[BC041765](#)

Protein Accession#

[AAH41765](#)

Gene Name

GFAP

Gene Alias

FLJ45472

Gene Description

glial fibrillary acidic protein

Omim ID

[137780](#) [203450](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

-

Disease

- [Alzheimer disease](#)
- [Cognition](#)