bsm-42001M

GFAP Mouse mAb

[Primary Antibody]

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DATASHEET -

Host: Mouse Isotype: IgG Clonality: Monoclonal CloneNo.: 8H10 **GenelD: 2670 SWISS:** P14136

Target: GFAP

Immunogen: Recombinant human GFAP protein: 1-390/432.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size: 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Size: 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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]

Applications: WB (1:500-2000)

IHC-P (1:200-2000) **IHC-F** (1:200-2000) **IF** (1:200-2000)

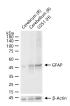
Reactivity: Human, Mouse, Rat

Predicted 48 kDa

MW.:

Subcellular Cytoplasm Location:

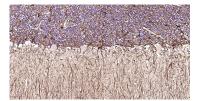
VALIDATION IMAGES



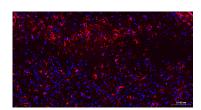
25 ug total protein per lane of various lysates (see on figure) probed with GFAP monoclonal antibody, unconjugated (bsm-42001M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



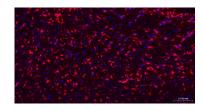
Paraformaldehyde-fixed, paraffin embedded Rat Spinal Cord; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated(bsm-42001M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated(bsm-42001M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010)



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (bsm-42001M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (Red, bs-0296G-BF594), DAPI (blue, C02-04002) was used to stain the cell



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (bsm-42001M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (Red, bs-0296G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

nuclei.		