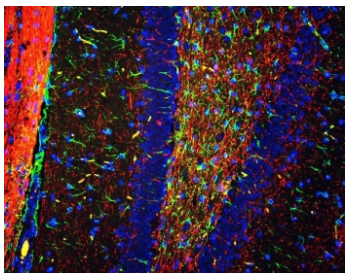
GFAP Antibody [clone G-A-5] (R30039)

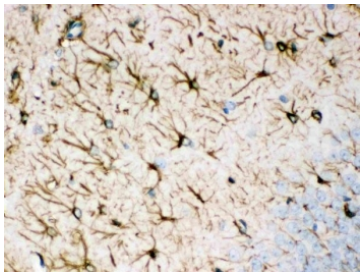
Catalog No.	Formulation	Size
R30039	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1XPBS	100 ug

Bulk quote request

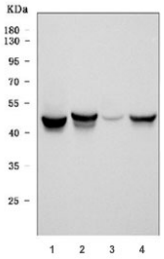
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	G-A-5
Purity	Unpurified ascites
Gene ID	2670
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.4-1ug/ml Immunohistochemistry (Frozen) : 0.5-1ug/ml (formalin or acetone fixed tissues) Immunofluorescence : 2-4ug/ml
Limitations	This GFAP antibody is available for research use only.



Immunofluorescent staining of FFPE rat brain tissue with GFAP antibody (green), MBP antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE rat brain tissue with GFAP antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human U-251, 2) rat brain, 3) rat C6 and 4) mouse brain tissue with GFAP antibody. Predicted molecular weight ~50 kDa.

Description

Glial fibrillary acidic protein is an intermediate filament protein of 52kDa. Its gene is mapped to human 17q21. GFAP is a useful marker of astroglia in the brain. Mutations in the protein are associated with Alexander disease.

Application Notes

The stated application concentrations are suggested starting points. Titration of the GFAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Glial fibrillary acidic protein from pig spinal cord was used as the immunogen for this GFAP antibody.

Storage

After reconstitution, the GFAP antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com