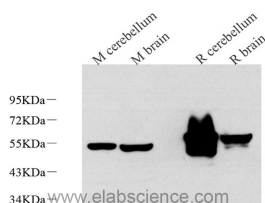


## GFAP Monoclonal Antibody

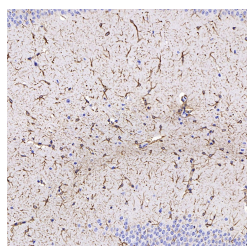
<b>Catalog No.</b>	E-AB-70205	<b>Reactivity</b>	M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Mouse
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

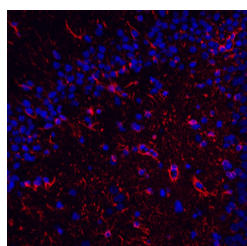
### Images



Western Blot analysis of various samples using GFAP Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded mouse brain using GFAP Monoclonal Antibody at dilution of 1:400.



Immunofluorescence analysis of paraffin-embedded rat brain using GFAP Monoclonal Antibody at dilution of 1:400.

### Immunogen Information

<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse GFAP
<b>Swissprot</b>	P03995,P47819
<b>Synonyms</b>	wu:fb34h11,cb345,etID36982.3,Glial fibrillary acidic protein,Intermediate filament protein

### Product Information

<b>Calculated MW</b>	49kDa
<b>Observed MW</b>	49kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Clone No.</b>	2B12F1
<b>Dilution</b>	WB 1:500-1:5000, IHC 1:500-1:2000, IF 1:200-1:1000

### Background

GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein, is specifically expressed in cells of astroglial lineage and is widely used to mark the astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.