

Name:GFAP mouse monoclonal antibody, clone UMAB5
Product Data Sheet - UltraMAB

Catalog: UM500005

Gene Name:Homo sapiens glial fibrillary acidic protein (GFAP), transcript variant 1
GeneBank accession: NM_002055
Isotype: IgG1

Reactivity: Human, Rat
Test application: WB
Clone Name: Clone UMAB5

Gene Synonym: FLJ42474; FLJ45472

Guaranteed Applications: WB, IHC

Suggested Dilutions: WB 1:500~1000, IHC 1:50, IF 1:100,

Immunogen: Full length human recombinant protein of human GFAP (NP_002046) produced in HEK293T cell.

Components:

- GFAP mouse monoclonal antibody, clone UMAB5 (UM500005)

Amount:

UM500005 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

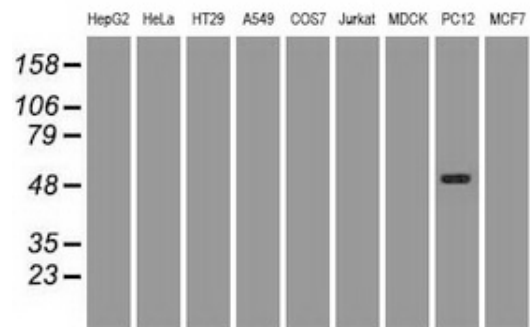
Purified from mouse ascites fluids by affinity chromatography

Background:

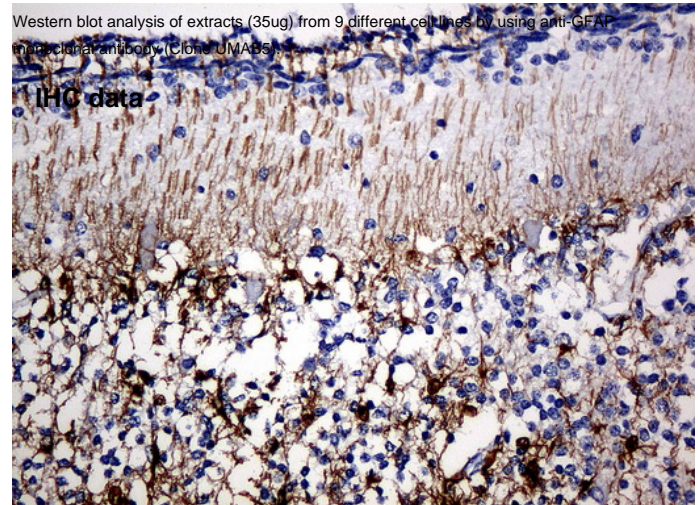
This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-GFAP monoclonal antibody (Clone UMAB5).



Immunohistochemical staining of paraffin-embedded Human embryonic brain tissue using anti-GFAP mouse monoclonal antibody (Clone UMAB5).

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500005.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.