

## Mouse anti-Human GFAP Monoclonal Antibody | anti-GFAP antibody

GFAP Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                |
|-----------|-------|------------|-----------------------------|
| AAA243710 | Mouse | Human      | Immunohistochemistry, ELISA |

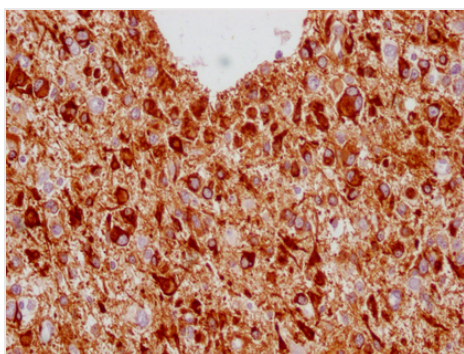
### PRODUCT SYNONYMS

GFAP; Monoclonal Antibody; GFAP Monoclonal Antibody; Glial fibrillary acidic protein (GFAP); anti-GFAP antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                     |
| Reactivity                                     | Human                                                                                     |
| Clonality                                      | Monoclonal                                                                                |
| Isotype                                        | IgG1, Kappa                                                                               |
| Clone Number                                   | 23D3                                                                                      |
| Purity/Purification                            | Affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| Form/Format                                    | Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.      |
| Applicable Applications for anti-GFAP antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Synthesized peptide derived from human Glial Fibrillary Acidic Protein (GFAP)             |
| Immunogen Species                              | Homo Sapiens (Human)                                                                      |
| Conjugate                                      | Non-conjugated                                                                            |
| Preparation and Storage                        | Store at -20°C or -80°C. Avoid repeated freeze.                                           |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image of AAA243710 diluted at 1:100 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-mouse IgG polymer labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GFAP antibody | GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells. |
| Product Categories/Family for anti-GFAP antibody   | Neuroscience                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 196115290                                                                              |
| NCBI GeneID                      | 2670                                                                                   |
| NCBI Accession #                 | NP_001124491.1                                                                         |
| NCBI GenBank Nucleotide #        | NM_001131019.2                                                                         |
| UniProt Accession #              | P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59 |
| NCBI Official Full Name          | glial fibrillary acidic protein isoform 2                                              |
| NCBI Official Synonym Full Names | glial fibrillary acidic protein                                                        |
| NCBI Official Symbol             | GFAP                                                                                   |
| NCBI Protein Information         | glial fibrillary acidic protein                                                        |
| UniProt Protein Name             | Glial fibrillary acidic protein                                                        |
| UniProt Gene Name                | GFAP                                                                                   |
| UniProt Synonym Gene Names       | GFAP                                                                                   |
| UniProt Entry Name               | GFAP_HUMAN                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/gfap-antibody-clone-23d3-immunohistochemistry-elisa/243710>