

## Anti-GFAP [10G1G11H7] Standard Size Ab03302-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 10G1G11H7

**Alternative Name(s) of Target:** Glial fibrillary acidic protein; CGMCCNO.17407; 6F2

**UniProt Accession Number of Target Protein:** P14136

**Published Application(s):** WB, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with purified recombinant GFAP protein.

**Specificity:** The original antibody recognizes the recombinant protein GFAP. GFAP is a class-III intermediate filament. It is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

**Application Notes:** The antibody specifically detected GFAP protein by Western blot analysis. This antibody and the commercial antibody 6F2 were used for immunohistochemistry on astrocytoma, glioma, pituitary and brain tissue and the results were compared. The antibody 10G1G11H7 had accurate staining location on the cell membrane, the staining was clear without non-specific staining, and the background was clean. Further, the results were consistent with the ones of the commercially available antibody GFAP (6F2), indicating that the specificity of the antibodies is equivalent (CN110903389A).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.