

AM06520SU-N**Monoclonal Antibody to GFAP - Ascites****Alternate names:**

Glial Fibrillary Acidic Protein

Quantity:

0.1 ml

Background:

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. Tissue specificity: Expressed in cells lacking fibronectin. ABCAM: It is heavily, and specifically, expressed in astrocytes and certain other astroglia in the central nervous system, in satellite cells in peripheral ganglia, and in non myelinating Schwann cells in peripheral nerves. In addition many types of brain tumor, presumably derived from astrocytic cells, heavily express GFAP. GFAP is also found in the lens epithelium, Kupffer cells of the liver, in some cells in salivary tumors and has been reported in erythrocytes.

Uniprot ID:[P14136](#)**NCBI:**[NP_001229305.1](#)**GeneID:**[2670](#)**Host / Isotype:**

Mouse / IgG1

Clone:

6A6

Immunogen:

Purified recombinant fragment of Human GFAP expressed in E. Coli.

Format:**State:** Ascitic fluid containing 0.03% Sodium Azide.**Applications:****ELISA:** 1/10000.**Western Blot:** 1/500 - 1/2000.**Immunofluorescence:** 1/200 - 1/1000.**Immunohistochemistry on Paraffin Sections:** 1/200 - 1/1000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Molecular Weight:

50 kDa

Specificity:

Recognizes GFAP

Species Reactivity:**Tested:** Human.**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

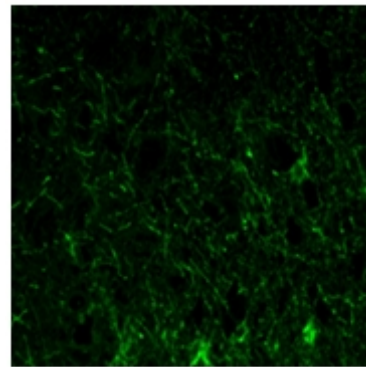
General Readings:

1. Acta Neuropathol. 2009 Jun;117(6):667-75.

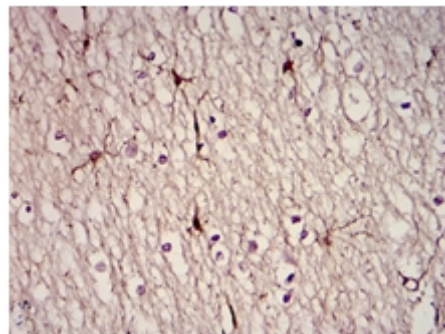
2. Schizophr Res. 2009 Jul;112(1-3):54-64.

Pictures:

Immunofluorescence analysis of paraffin-embedded lobe of brain tissues using GFAP antibody Cat.-No AM06520SU-N (green).



Immunohistochemical analysis of paraffin-embedded brain tissues using GFAP antibody Cat.-No AM06520SU-N with DAB staining



Western blot analysis using GFAP antibody Cat.-No AM06520SU-N against A431 (1), SK-N-SH (2) and PC12 (3) cell lysate.

