

Mouse Monoclonal Antibody to GFAP

Catalogue Number	sAP-0460
Target Molecule	Name: GFAP Aliases: FLJ45472; GFAP MW: 50kDa Entrez Gene ID: 2670
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human GFAP expressed in E. Coli.
Reactive Species	Human
Clone	MM6A6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Acta Neuropathol. 2009 Jun;117(6):667-75. ; 2. Schizophr Res. 2009 Jul;112(1-3):54-64.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**