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Monoclonal Antibody to Human GFAP Glial Fibrillary Acidic Protein

Monoclonal antibody GF-01 is an excellent tool for the differentiation of tumours of glial or astrocytic origin. The antibody reacts with GFAP, a 50kDa intermediate filament protein, which is expressed by astrocytes and to a lesser degree by ependymal cells, folliculostellate cells of the anterior pituitary and cerebellar radial glia. The antibody does not react with other intermediate filaments, but reacts with porcine GFAP.

Product Number:	T-1317
Clone:	GF-01
Host species, isotype:	Mouse IgG1
Quantity:	200µg
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Frozen sections: 0.2µg/ml (1:2000) Paraffin sections: 1µg/ml (1:400); Proteinase K pretreatment for antigen retrieval is recommended. Optimal dilutions should be determined by the end user. Suggested positive control: Human cortex.

Selected references

Lukáš, Z. et al.: Histochemical J. **21**, 693 (1989)).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.