

Glial Fibrillary Acidic Protein, GFAP, clone GF-01 Monoclonal Antibody

Catalog No.: MON3012

Quantity: 1 ml

Specificity

The monoclonal antibody reacts with GFAP, a 50kD 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. The antibody reacts also with porcine GFAP.

Immunoglobulin type

Murine IgG₁

Use

The antibody is useful for differentiation of tumors of glial or astrocytic origin. The antibody can be used on both frozen and paraffin embedded tissues.

Instructions for use

For use in histochemistry on frozen sections fixation with acetone at -20°C and for formaldehyde paraffin embedded tissue trypsin pretreatment of the sections (0.1% trypsin for 20 min. at 37°C) is advised. Depending on the technique to be used a working dilution has to be tested beforehand, a dilution of 1:10 is advised.

Presentation

1 ml antibody solution with 0.1% sodium azide, sufficient for staining of 100 tissue sections.

Literature

- Lukás, Z., et al., 1989, Histochemical J. 21, 693.

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