

GFAP Mouse monoclonal antibody

Catalog: MB9017

Host: Mouse

Reactivity: Human, Mouse, Rat

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. In particular, vimentin filaments are present at early developmental stages, while GFAP filaments are characteristic of differentiated and mature brain astrocytes. In addition, GFAP intermediate filaments are also present in nonmyelin-forming Schwann cells in the peripheral nervous system.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 48 kDa

Swiss-Prot:

P14136

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:2000-1:5000 IHC/ICC:1:200

FC: 1:200

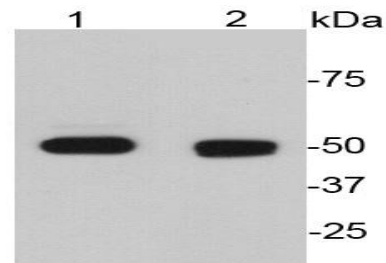
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of GFAP and does not cross-react with related proteins.

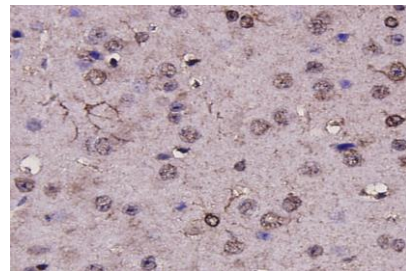
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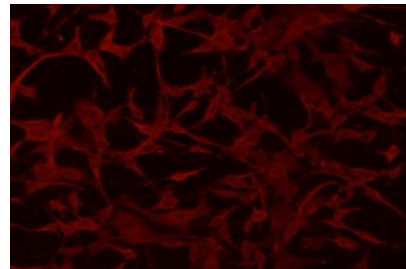
Western blot (WB) analysis of GFAP Mouse mAb at 1:5000 dilution

Lane1:The brain tissue lysate of Rat

Lane2:The brain tissue lysate of Human



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-GFAP antibody. Counter stained with hematoxylin.



ICC staining of GFAP in A172 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151