

Anti-GFAP Antibody (8M733)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8M733
Purification:	Protein A

Applications

Anti-GFAP rabbit monoclonal antibody at 1:500 dilution.

-Lane A: Mouse brain tissue lysate.

-Lysates/proteins at 30 µg per lane.

-Secondary

Verified Activity: -Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

-Predicted band size:50 kDa.

-Observed band size:45 kDa

Application: WB

Recommended WB: 1:500-1:1000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: center region of the human GFAP

Antigen Species: Human

Synonyms: Gfap

Biology Area: Neuroinflammation

Research Background

GFAP is a cell-specific marker which belongs to the intermediate filament family. It can distinguish astrocytes from other glial cells during development. GFAP is expressed in cells lacking fibronectin. It is a type III intermediate filaments protein which contains three domains: the head, rod and tail domains. GFAP functions in many important entral nervous system (CNS) processes, including cell communication and the functioning of the blood brain barrier. Improper GFAP regulation can cause multiple disorders. Defects in GFAP is related to Alexander disease which is a rare disorder of the central nervous system. It is a progressive leukoencephalopathy whose hallmark is the widespread accumulation of Rosenthal fibers which are cytoplasmic inclusions in astrocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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