

Product Data Sheet

Purified anti-GFAP

Catalog # / Size: 644701 / 25 µg
644702 / 100 µg

Clone: 2E1.E9

Isotype: Mouse IgG2b

Immunogen: Bovine spinal cord homogenate

Reactivity: Human, Mouse, Rat, other species

Preparation: This antibody is at >85% purity.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Applications:

Applications: WB - *Quality tested*
FC, IHC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.25 - 1.0 µg antibody per ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

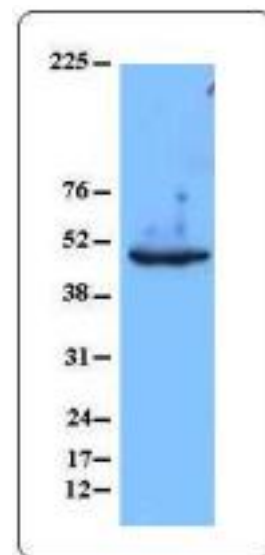
Application References: 1. McLendon RE and Bigner DD. 1994. *Brain Pathol.* 4:221.
2. Liu W, *et al.* 2011. *Proteomics* 11:3556. (FC) PubMed

Description: GFAP is expressed exclusively in astrocytes in the central nervous system. The protein is a member of the intermediate filament family of proteins which form networks providing support and strength to cells. This antibody does not cross-react with other intermediate filaments such as vimentin, neurofilament proteins, desmin and others. More than 50 GFAP mutations were identified to associate with Alexander disease.

Related Products: **Product**
HRP Goat anti-rat IgG (minimal x-reactivity)

Clone
Poly4054

Application
ELISA, IF, IHC, WB



Mouse Brain extract cell lysates was resolved by electrophoresis, transferred to nitrocellulose and probed with purified 2E1.E9. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence system.



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