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Product Datasheet

Anti-GFAP Antibody FL594 Conjugate

NeuroMab KO Validated

Overview

Catalog #	75-240-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N206A/8
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Drosophila, Guinea Pig, Human, Mouse, Polar Bear, and Rat
Immunogen	Synthetic peptide amino acids 411-422 (KTVEMRDGEVIK) of human GFAP (accession number P14136)
Molecular Weight	50 kDa
Cite this Antibody	Antibodies Inc Cat# 75-240-FL594, RRID: AB_2939874

Details

Target Description	Glial fibrillary acidic protein (GFAP) is an intermediate filament with many different isoforms, and acts as a structural protein in the cytoskeleton. It is expressed in astrocytes in brain and is often used as an astrocyte marker. GFAP is belived to be involved in many CNS processes including cell communication and mitosis. GFAP has been found to be involved in Alexander disease and Wernicke's encephalopathy.
Specificity	Cross-reacts with GFAP-R416W and other GFAP mutant proteinsDoes not cross-react with other proteins (based on KO validation results)
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.