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Product Datasheet

Anti-GABA-A-R, Alpha1 Antibody FL594 Conjugate

NeuroMab KO Validated

Overview

Catalog #	75-136-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	N95/35
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	Human, Mouse, Rat, and Xenopus
Immunogen	Fusion protein amino acids 355-394 of mouse GABA-AR-Alpha1 (accession number P62812) produced recombinantly in E. Coli
Molecular Weight	55 kDa
Cite this Antibody	Antibodies Inc Cat# 75-136-FL594, RRID: AB_2939506

Details

Target Description	GABA(A)R, Alpha1 (Gamma-aminobutyric acid receptor subunit alpha-1) makes up two of the five subunits in the membrane bound GABA A receptor, the others being two β2 subunits and a single γ2 subunit. The receptor is a ligand gated chloride ion channel found postsynaptically and binds GABA, the major inhibitory neurotransmitter in the CNS. Mutations in GABA(A)R, Alpha1 have been linked to several types of epilepsy.
Specificity	No cross-reactivity against GABA-A-R-Alpha2 or -Alpha3
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.