

Product Datasheet

Anti-GABA-A-R-Epsilon Antibody FL550 Conjugate



Overview

Catalog #	75-398-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N413/67
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 and Rat
Immunogen	Fusion protein amino acids 27-253 (extracellular N-terminus) of human GABA-A receptor Epsilon (accession number P78334) produced recombinantly in E. Coli
Molecular Weight	60 kDa
Cite this Antibody	Antibodies Inc Cat# 75-398-FL550, RRID: AB_2940313

Details

Target Description	Gamma-aminobutyric acid receptor subunit epsilon or GABA AR epsilon is encoded by the gene GABRE. GABA A receptors are members of the Cys-loop family of ligand-gated ion channels. GABA AR epsilon is a subunit of the pentameric GABA receptors where GABA is the major inhibitory neurotransmitter in the vertebrate brain and mediates neuronal inhibition by binding to the GABA receptor and opening an integral chloride channel. GABA AR epsilon is found expressed in many tissues including adult heart, placenta and adult brain. In brain, GABA AR epsilon is expressed at the cell junction, synapse, postsynaptic cell membrane and cytoplasmic vesicle membrane.
Specificity	No cross-reactivity reported
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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. 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.

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