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Product Datasheet

Anti-TRIP8b (Exon 4) Antibody FL550 Conjugate

NeuroMab KO Validated

Overview

Catalog #	75-208-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N212/3
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, and Rat
Immunogen	Fusion protein amino acids 1-192 (exon 1a, exon 4 and constant region) of rat TRIP8b (accession number Q925N3) produced recombinantly in E. Coli
Molecular Weight	70 kDa
Cite this Antibody	Antibodies Inc Cat# 75-208-FL550, RRID: AB_2939773

Details

Target Description	PEX5-related protein, Peroxisomal Biogenesis Factor 5 Like, TPR-containing Rab8b-interacting protein or TRIP8b is encoded by the gene Pex5l. It is a member of the peroxisomal targeting signal receptor family. TRIP8b is a cytoplasmic accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. TRIP8b interacts with the carboxyl-terminal region of HCN channels and regulates their cell-surface expression to the dendrites in many types of neurons. TRIP8b plays a role in regulation of HCN channel cyclic nucleotide kinetics. TRIP8b is expressed in the brain. Diseases associated with PEX5L include Rhizomelic Chondrodysplasia Punctata, Type 5 and Rhizomelic Chondrodysplasia Punctata, Type 2.
Specificity	Specific for exon 4(does not react with TRIP8b isoforms containing exons 1a, 1b or 2)
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.