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orders@antibodiesinc.com
530-758-4400

Product Datasheet

Anti-TRIP8B (Exon 1A/5 Junction) Antibody FL490 Conjugate

NeuroMab KO Validated

Overview

Catalog #	75-334-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N291C/22
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
Species Reactivity	Mouse and Rat
Immunogen	Synthetic peptide amino acids 1-12 (MYQGHMQLVNEQ, exon 1a (yellow) and exon 5 (green) of constant region) of mouse TRIP8b (accession number Q8C437)
Molecular Weight	60 kDa
Cite this Antibody	Antibodies Inc Cat# 75-334-FL490, RRID: AB_2940152

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 1a/5 junction (does not react
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 on cells overexpressing target protein and confirmed to give the expected staining pattern.

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.