

Product Datasheet

Anti-Kirrel3 Short And Long Antibody FL490 Conjugate



Overview

Catalog #	75-333-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N321C/49
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	Fusion protein amino acids 46-524 (extracellular N-terminus) of rat Kirrel3 (accession number Q09GS6) produced recombinantly in E. Coli
Molecular Weight	85-105 kDa (multiple isoforms)
Cite this Antibody	Antibodies Inc Cat# 75-333-FL490, RRID: AB_2940148

Details

Target Description	Kirre Like Nephrin Family Adhesion Molecule 3 is encoded by the gene KIRREL3. KIRREL3 is a member of the immunoglobulin superfamily, nephrin-like protein family. KIRREL3 is a synaptic cell adhesion molecule with multiple extracellular immunoglobulin-like domains and a cytoplasmic PDZ domain-binding motif. KIRREL3 is expressed in brain, bone marrow, and stromal cells. Diseases associated with KIRREL3 include Autosomal Dominant Non-Syndromic Intellectual Disability and Autosomal Dominant Non-Syndromic Intellectual Disability 4.
Specificity	Reacts with Kirrel3 short and long isoformsDoes not cross-react with Kirrel1 and Kirrel2
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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