

Product Datasheet

Anti-Kirrel3 Short Isoform 3 Antibody FL490 Conjugate



Overview

Catalog #	75-282-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	N320/48
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	Mouse
Immunogen	Synthetic peptide amino acids 591-608 (VRAQPMPHSILSTQTSRC) of mouse Kirrel3 short isoform 3 (accession number Q8BR86-3)
Molecular Weight	70 kDa
Cite this Antibody	Antibodies Inc Cat# 75-282-FL490, RRID: AB_2940004

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	Does not cross-react with other Kirrel3 isoforms
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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

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.

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