

## Product Datasheet

## Anti-Kirrel3 Short And Long Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-333-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N321C/49
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Mouse and Rat
<b>Immunogen</b>	Fusion protein amino acids 46-524 (extracellular N-terminus) of rat Kirrel3 (accession number Q09GS6) produced recombinantly in E. Coli
<b>Molecular Weight</b>	85-105 kDa (multiple isoforms)
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-333-FL594, RRID: AB_2940150

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Reacts with Kirrel3 short and long isoformsDoes not cross-react with Kirrel1 and Kirrel2
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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**

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