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Product Datasheet

Anti-NGL-3/LRRC4B Antibody FL594 Conjugate

Overview

Catalog #	75-085-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N51/6
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 and Rat
Immunogen	Fusion protein amino acids 598-709 of rat NGL-3 (Leucine-rich repeat-containing 4B protein (Lrrc4B), accession number XP_218615) produced recombinantly in E. Coli
Molecular Weight	100 kDa
Cite this Antibody	Antibodies Inc Cat# 75-085-FL594, RRID: AB_2939326

Details

Target Description

Leucine Rich Repeat Containing 4B is encoded by the gene LRRC4B. LRRC4B is a synaptic adhesion protein that regulates the formation of excitatory synapses. The trans-synaptic adhesion between LRRC4B and PTPRF regulates the formation of excitatory synapses in a bidirectional manner. LRRC4B is expressed in the brain. No disorders were found to be associated with LRRC4B.

Specificity

No cross-reactivity against NGL-1 or NGL-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 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.

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