

Product Datasheet

Anti-LRRTM2 Antibody FL650 Conjugate



Overview

Catalog #	75-364-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	N209C/35
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	Human, Mouse, and Rat
Immunogen	Synthetic peptide amino acids 475-489 (MSNMSDQGPYNEYEP, cytoplasmic C-terminus) of human LRRTM2 (accession number O43300)
Molecular Weight	80 kDa (and larger due to glycosylation)
Cite this Antibody	Antibodies Inc Cat# 75-364-FL650, RRID: AB_2940223

Details

Target Description	Leucine Rich Repeat Transmembrane Neuronal 2 is encoded by the gene LRRTM2. LRRTM2 is a member of the LRRTM family. LRRTM2 is involved in the development and maintenance of excitatory synapses in the vertebrate nervous system. LRRTM2 regulates surface expression of AMPA receptors and instructs the development of functional glutamate release sites. LRRTM2 is expressed in neuronal tissues. Diseases associated with LRRTM2 include Histrionic Personality Disorder.
Specificity	Does not cross-react with LRRTM1
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.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.