

Product Datasheet

Anti-LRRTM4 Antibody FL490 Conjugate



Overview

Catalog #	75-261-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N205B/22
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	Human, Mouse, and Rat
Immunogen	Synthetic peptide amino acids 470-484 (ARESERQMNSPLQEY, cytoplasmic C-terminus) of human LRRTM4 (accession number Q86VH4)
Molecular Weight	70 kDa
Cite this Antibody	Antibodies Inc Cat# 75-261-FL490, RRID: AB_2939944

Details

Target Description	Leucine Rich Repeat Transmembrane Neuronal 4 is encoded by the gene LRRTM4. LRRTM4 is a member of the LRRTM family. LRRTM4 may play a role in the development and maintenance of the vertebrate nervous system. LRRTM4 exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation. LRRTM4 is expressed in neuronal tissues. No disorders were found to be associated with LRRTM4.
Specificity	Reacts with both Long and Short 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 western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
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.

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