

## Product Datasheet

## Anti-LRRTM4 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-261-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N205B/22
<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>	Human, Mouse, and Rat
<b>Immunogen</b>	Synthetic peptide amino acids 470-484 (ARESERQMNSPLQEY, cytoplasmic C-terminus) of human LRRTM4 (accession number Q86VH4)
<b>Molecular Weight</b>	70 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-261-FL550, RRID: AB_2939945

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Reacts with both Long and Short isoforms
<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.
<b>Storage</b>	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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