

Product Datasheet

Anti-LRRK1 Antibody FL550 Conjugate



Overview

Catalog #	75-347-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N341/12
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 and Mouse
Immunogen	Fusion protein amino acids 1695-2015 (C-terminus) of human LRRK1 (accession number Q38SD2) produced recombinantly in E. Coli.
Molecular Weight	>200 kDa
Cite this Antibody	Antibodies Inc Cat# 75-347-FL550, RRID: AB_2940177

Details

Target Description	Leucine Rich Repeat Kinase 1 is encoded by the gene LRRK1. LRRK1 is a member of the protein kinase superfamily, TKL Ser/Thr protein kinase family, ROCO subfamily. LRRK1 is a multi-domain protein that is a leucine-rich repeat kinase and a GDP/GTP binding protein. LRRK1 is thought to play a role in the regulation of bone mass. LRRK1 is overexpressed in lymph node and uterus. Diseases associated with LRRK1 include Osteosclerotic Metaphyseal Dysplasia and Parkinson Disease 3, Autosomal Dominant.
Specificity	Does not cross-react with LRRK2
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 $\leq -20^{\circ}\text{C}$ 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.