

## Product Datasheet

## Anti-LRRK1 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-347-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N341/12
<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 and Mouse
<b>Immunogen</b>	Fusion protein amino acids 1695-2015 (C-terminus) of human LRRK1 (accession number Q38SD2) produced recombinantly in E. Coli.
<b>Molecular Weight</b>	>200 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-347-FL490, RRID: AB_2940176

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Does not cross-react with LRRK2
<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 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**

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