

## Product Datasheet

## Anti-NGL-1/LRRC4C Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-108-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N49A/21
<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, IHC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 551-640 of human NGL-1 (accession number NP_065980) produced recombinantly in E. Coli
<b>Molecular Weight</b>	100 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-108-FL490, RRID: AB_2939404

## Details

<b>Target Description</b>	Leucine Rich Repeat Containing 4C is encoded by the gene LRRC4C. LRRC4C may promote neurite outgrowth of developing thalamic neurons. LRRC4C is expressed in the brain. Diseases associated with LRRC4C include Extragenital Seminoma and Chief Cell Adenoma.
<b>Specificity</b>	No cross-reactivity against NGL-2 or NGL-3
<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.
<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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