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**Product Datasheet**

# Anti-SALM2/LRFN1 Antibody FL490 Conjugate

## Overview

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|---|---|
| **Catalog #** | 75-121-FL490 |
| **Conjugate** | FL490 Ex: 491 nm, Em: 515 nm |
| **Isotype** | IgG1 |
| **Clone Number** | N52B/27 |
| **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, IHC |
| **Species Reactivity** | Human, Mouse, and Rat |
| **Immunogen** | Fusion protein amino acids 551-766 (C-terminus) of mouse SALM2 (accession number Q460M4) produced recombinantly in E. Coli |
| **Molecular Weight** | 82 kDa |
| **Cite this Antibody** | Antibodies Inc Cat# 75-121-FL490, RRID: AB_2939448 |

## Details

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|---|---|
| **Target Description** | Leucine Rich Repeat and Fibronectin Type III Domain Containing 1 is encoded by the gene LRFN1. LRFN1 is a member of the LRFN family. LRFN1 promotes neurite outgrowth in hippocampal neurons, and is involved in the regulation and maintenance of excitatory synapses. LRFN1 is expressed in the brain. No disorders are found to be associated with LRFN1. |
| **Specificity** | No cross-reactivity with SALM1 |
| **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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