

Product Datasheet

Anti-Miro2 Antibody FL490 Conjugate



Overview

Catalog #	75-365-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N384/63
Size	200 μ L
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 and Rat
Immunogen	Fusion protein amino acids 343-580 (second Miro domain) of human Miro2 (accession number Q8IXI1) produced recombinantly in E. Coli
Molecular Weight	80 kDa
Cite this Antibody	Antibodies Inc Cat# 75-365-FL490, RRID: AB_2940224

Details

Target Description	Mitochondrial Rho GTPase 2 (Miro2) or Ras Homolog Family Member T2 is encoded by the gene RHOT2 and is a member of the Rho family of GTPases. Miro2 is a mitochondrial GTPase. It is found on the outer mitochondrial membrane and is involved in mitochondrial trafficking. Miro2 is ubiquitously expressed in tissues. Diseases associated with this gene include 3-Methylglutaconic Aciduria and, Autosomal Recessive Congenital Hypomyelinating Neuropathy.
Specificity	Does not cross-react with Miro1
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 $\leq -20^{\circ}\text{C}$ 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.

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