

Product Datasheet

Anti-Contactin/F3 Antibody FL490 Conjugate



Overview

Catalog #	75-038-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	K73/20
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	Synthetic peptide amino acids 21-37 (D/EFTWHRRYGHGVSEEDKC) extracellular domain of rat contactin (accession number A57112)
Molecular Weight	120 kDa
Cite this Antibody	Antibodies Inc Cat# 75-038-FL490, RRID: AB_2939184

Details

Target Description	Contactin1 or Neural Cell Surface Protein F3 is encoded by the gene CNTN1 and is a member of the immunoglobulin superfamily. Contactin1 is a membrane anchored membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Contactin1 is expressed in the brain by neurons and oligodendrocytes. Diseases associated with this gene include types of Congenital Myopathy.
Specificity	No cross-reactivity reported
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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