

## Product Datasheet

## Anti-Contactin/F3 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-038-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	K73/20
<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>	Synthetic peptide amino acids 21-37 (D/EFTWHRRYGHGVSEEDKC) extracellular domain of rat contactin (accession number A57112)
<b>Molecular Weight</b>	120 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-038-FL550, RRID: AB_2939185

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<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 by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
<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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