

## Product Datasheet

## Anti-SynDIG3/Tmem91 Antibody FL490 Conjugate



## Overview

Catalog #	75-186-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N160/21
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	Mouse and Rat
Immunogen	Fusion protein amino acids 1-96 (cytoplasmic N-terminus) of mouse SynDIG3 (accession number Q8C581) produced recombinantly in E. Coli
Molecular Weight	30 kDa
Cite this Antibody	Antibodies Inc Cat# 75-186-FL490, RRID: AB_2939688

## Details

Target Description	Transmembrane Protein 91, Dispanin Subfamily C Member 3 or Interferon Induced Transmembrane Protein Domain Containing 6 is encoded by the gene TMEM91 and is a member of the Interferon Induced Transmembrane proteins (IFITM). Although the specific function of TMEM91 has not been elucidated, the IFITM family is made of cell surface proteins that modulate cell-cell adhesion and cell differentiation. Diseases associated with this gene include Osteogenesis Imperfecta, Type V.
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 IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

**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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