

Product Datasheet

Anti-SynDIG3/Tmem91 Antibody FL594 Conjugate



Overview

Catalog #	75-186-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 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-FL594, RRID: AB_2939690

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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