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PRODUCT DATASHEET

Anti-MESD Antibody FL550 Conjugate

Product Details

Available Variants	200 µL (SKU:75-129-FL550)
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2b
Clone	N88/12
Gene Name	Mesd Mesdc2
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	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.
Applications	IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 30-95 and 118-180 (lacking VSD domain) of mouse MESD (accession number Q9ERE7) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	26 kDa
Quality Control	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.
Antibody Registry ID	AB_2939481
UniProt ID	Q9ERE7 UniProt Summary: Chaperone specifically assisting the folding of beta-propeller/EGF modules within the family of low-density lipoprotein receptors (LDLRs). Acts as a modulator of the Wnt pathway through chaperoning the coreceptors of the canonical Wnt pathway, LRP5 and LRP6, to the plasma membrane. Essential for specification of embryonic polarity and mesoderm induction. Plays an essential role in neuromuscular junction (NMJ) formation by promoting cell-surface expression of LRP4. May regulate phagocytosis of apoptotic retinal pigment epithelium (RPE) cells.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	67943

Product Images



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