

Anti-Cav1.2 Ca²⁺ Channel Antibody FL490 Conjugate



Product Details

Available Variants	200 µL (SKU:75-257-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone	N263/31
Gene Name	Cacna1c Cach2 Cacn2 Cacn1a1 Cchl1a1
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	ICC, IHC
Species Reactivity	Guinea Pig, Human, Mouse, Rat
Immunogen	Fusion protein amino acids 808-874 (cytoplasmic loop between repeat II and III) of rat Cav1.2 (accession number P22002) produced recombinantly in E. Coli
Specificity	Does not cross-react with Cav1.3
Molecular Weight	240 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
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_2939932

UniProt ID [P22002](#)

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.

Product Images



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Product Page URL: www.antibodiesinc.com/products/anti-cav1-2-ca2-channel-antibody-n263-31-75-257-fl490



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