

Anti-Cavbeta1 Ca²⁺ Channel Antibody FL490 Conjugate



Product Details

Available Variants	200 µL (SKU:75-052-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone	N7/18
Gene Name	CACNB1 CACNLB1
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	Human, Mouse, Non-Human Primate, Rat
Immunogen	Synthetic peptide amino acids 19-34 of human Cav1 (PMEVFDSPQGKYSKR; accession number NP_059042)
Specificity	Does not cross-react with Cavβ2, Cavβ3, Cavβ4
Molecular Weight	80, 55 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_2939228

UniProt ID [Q02641](#)

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-cavbeta1-ca2-channel-antibody-n7-18-75-052-fl490



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