

Anti-Cav3.2 Ca²⁺ Channel Antibody FL490 Conjugate



Product Details

Available Variants	200 µL (SKU:75-095-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone	N55/10
Gene Name	CACNA1H
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, Rat, Tree Shrew
Immunogen	Fusion protein amino acids 1019-1293 (cytoplasmic loop between repeat II and repeat III) of human Cav3.2 (accession number O95180), epitope mapped to amino acids 1179-1192 (AEDGRAAPGPRATP) produced recombinantly in E. Coli
Specificity	Does not cross-react with Cav3.1
Molecular Weight	260 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 $\leq -20^{\circ}\text{C}$ 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.
Antibody Registry ID	AB_2939352
UniProt ID	<u>O95180</u>
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



Anti-Cav3.2 Ca²⁺ Channel Antibody FL490 Conjugate

Product Page URL: www.antibodiesinc.com/products/anti-cav3-2-ca2-channel-antibody-n55-10-75-095-fl490



Created on 10. September 2026 | All information without guarantee