

Product Datasheet

Anti-VAPA Antibody FL490 Conjugate



Overview

Catalog #	75-495-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	N479/22
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 1-219 (N-terminus) of rat VAPA (accession number Q9Z270) produced recombinantly in E. Coli
Molecular Weight	30 kDa
Cite this Antibody	Antibodies Inc Cat# 75-495-FL490, RRID: AB_2940648

Details

Target Description	VAPA and VAPB are members of the VAMP-associated protein family (VAP) (aka vesicle-associated membrane proteins) which are abundant scaffolding proteins predominantly localized to the endoplasmic reticulum (ER). VAPs have recently been shown to interact with Kv2.1 and Kv2.2 channels forming junctions to link the ER to the plasma membrane (Johnson B. et al., 2018).
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 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.

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