

Product Datasheet

Anti-SVOP Antibody FL490 Conjugate

NeuroMab



KO Validated

Overview

Catalog #	75-353-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N356/23
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
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 1-85 (MEEDLFQLRQLPVVKFRRTGESARSEDDAASGEHDVQIEGVRVGLAEVELDDGAAVPKEFANPTDDTFMVEDA VEAIGFGRFQWK, cytoplasmic N-terminus) of rat SVOP (accession number Q9Z2I7) produced recombinantly in E. Coli
Molecular Weight	60 kDa
Cite this Antibody	Antibodies Inc Cat# 75-353-FL490, RRID: AB_2940184

Details

Target Description	Synaptic vesicle 2-related protein or SVOP is encoded by the gene SVOP. SVOP contains 12 transmembrane regions and has transporter and ion transmembrane transporter activity. SVOP is expressed early in development and expressed in brain and endocrine cells where it is found in synaptic vesicles and microvesicles. Diseases associated with SVOP include Intestinal Botulism and Familial Atrial Fibrillation.
Specificity	Does not cross-react with SVOPL/SVOP2
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 $\leq -20^{\circ}\text{C}$ 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.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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