

Product Datasheet

Anti-SAPAP1/2 Antibody FL490 Conjugate



Overview

Catalog #	75-236-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N238/31
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	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 772-992 (C-terminus) of rat SAPAP1 (accession number P97836) produced recombinantly in E. Coli
Molecular Weight	110 kDa (varies due to post-translational modifications)
Cite this Antibody	Antibodies Inc Cat# 75-236-FL490, RRID: AB_2939856

Details

Target Description	SAPAP1 (also known as disks large associated protein 1) and SAPAP2 (also known as disks large associated protein 2) are members of the SAPAP or DLGAP family of proteins. SAPAP proteins function as scaffolding proteins at excitatory synapses. SAPAP proteins interact with PSD95 family and Shank family proteins to anchor/target neurotransmitter receptors and signaling molecules to the postsynaptic membrane of excitatory synapses.
Specificity	Does not cross-react with other SAPAPs
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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