

## Product Datasheet

## Anti-SAPAP1/2 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-236-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N238/31
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 772-992 (C-terminus) of rat SAPAP1 (accession number P97836) produced recombinantly in E. Coli
<b>Molecular Weight</b>	110 kDa (varies due to post-translational modifications)
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-236-FL594, RRID: AB_2939858

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Does not cross-react with other SAPAPs
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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.
<b>Storage</b>	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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