

## Product Datasheet

## Anti-Fig4/Sac3 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-201-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N202/7
<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, IHC
<b>Species Reactivity</b>	Human and Mouse
<b>Immunogen</b>	Fusion protein amino acids 688-907 of mouse Sac3 (accession number Q91WF7) produced recombinantly in E. Coli
<b>Molecular Weight</b>	100 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-201-FL594, RRID: AB_2939746

## Details

<b>Target Description</b>	Polyphosphoinositide phosphatase, SAC Domain-Containing Protein 3 or Fig4/Sac3 is encoded by the gene FIG4. Fig4/Sac3. The hydrolyzing phosphoinositide signals is involved with cell processes including intracellular membrane trafficking, exocytosis, endocytosis and membrane transport. Fig4/Sac3 is found widely in tissues. Diseases associated with this gene include Polymicrogyria, Yunis-Varon Syndrome and Charcot-Marie-Tooth Disease.
<b>Specificity</b>	No cross-reactivity reported
<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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