

## Product Datasheet

## Anti-Shank1 And Shank3 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-343-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	N367/51
<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>	Mouse and Rat
<b>Immunogen</b>	Fusion protein amino acids 538-626 (SH3 domain) of rat Shank3 (accession number Q9JLU4) produced recombinantly in E. Coli
<b>Molecular Weight</b>	190 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-343-FL594, RRID: AB_2940166

## Details

<b>Target Description</b>	Shank proteins act as scaffold proteins anchoring and connecting membrane bound receptors and other proteins to the cytoskeleton in neurons to enable cell signaling.
<b>Specificity</b>	Cross-reacts with Shank1Does not cross-react with Shank2
<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 on cells overexpressing target protein and confirmed to give the expected staining pattern.
<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.

## 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.

**Note:** For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.