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Product Datasheet

Anti-Shank1 And Shank3 Antibody FL550 Conjugate

NeuroMab

Overview

Catalog #	75-343-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N367/51
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, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 538-626 (SH3 domain) of rat Shank3 (accession number Q9JLU4) produced recombinantly in E. Coli
Molecular Weight	190 kDa
Cite this Antibody	Antibodies Inc Cat# 75-343-FL550, RRID: AB_2940165

Details

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