

Product Datasheet

Anti-Stonin-2 Antibody FL490 Conjugate



Overview

Catalog #	75-337-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N346/9
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	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1-555 (N-terminus) of human Stonin-2 (accession number Q8WXE9) produced recombinantly in E. Coli
Molecular Weight	120 kDa
Cite this Antibody	Antibodies Inc Cat# 75-337-FL490, RRID: AB_2940156

Details

Target Description	Stonin-2 or Stoned B Homolog 2 is encoded by the gene STON2. Stonin 2 is membrane bound protein that is involved in the regulation of endocytotic complexes and synaptic vesicle recycling. Stonin2 interacts with synaptotagmin to facilitate uncoating of clathrin-coated vesicles Ref:Walther, K., et al. (2001) V. EMBO Rep. Stonin2 is expressed ubiquitously in tissues.
Specificity	Does not cross-react with Stonin-1
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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