

Product Datasheet

Anti-Zinedin Antibody FL594 Conjugate



Overview

Catalog #	75-099-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	K88/64
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	Rat
Immunogen	Fusion protein amino acids 42-354 of human Zinedin/Striatin-4 (accession number Q9NRL3) produced recombinantly in E. Coli
Molecular Weight	95 kDa
Cite this Antibody	Antibodies Inc Cat# 75-099-FL594, RRID: AB_2939370

Details

Target Description	Zinedin, Stiatin4 or Protein Phosphatase 2 Regulatory Subunit B'Gamma is encoded by the gene STRN4 and is a member of the Striatin family (which also includes Stiatin and SG2NA). Zinedin is a scaffolding protein with multiple protein binding domains. Zinedin binds calmodulin and acts as a calcium dependent signaling protein. Zinedin is found in the brain and the nervous system. Diseases associated with this gene include Cerebral Cavernous Malformations 3 and Muscular Dystrophy-Dystroglycanopathy.
Specificity	No cross-reactivity reported
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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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