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Product Datasheet

Anti-ZIP3 Antibody FL594 Conjugate

NeuroMab

Overview

Catalog #	75-487-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N476/9
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	Mouse
Immunogen	Fusion protein amino acids 107-172 (2nd cytoplasmic loop) of mouse ZIP3 (accession number Q99K24) produced recombinantly in E. Coli
Molecular Weight	30 kDa
Cite this Antibody	Antibodies Inc Cat# 75-487-FL594, RRID: AB_2940630

Details

Target Description	ZIP3 is part of the ZIP family of zinc transporter proteins which maintain cellular zinc homeostasis. ZIP3 has been shown to play a role in the reuptake and cellular retention of Zn in the mammary gland (Kelleher SL et al., 2009).
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 ≤ -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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