

Product Datasheet

Anti-TALK1 Potassium Channel Antibody FL594 Conjugate



Overview

Catalog #	75-461-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	N466/14
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 42-94 (first extracellular loop) and 259-292 (cytoplasmic C-terminus) of mouse TALK1 (accession number G5E845) produced recombinantly in E. Coli
Molecular Weight	30-40 kDa
Cite this Antibody	Antibodies Inc Cat# 75-461-FL594, RRID: AB_2940538

Details

Target Description	Potassium two pore domain channel subfamily K member 16 is encoded by the gene KCNK16. KCNK16 is a member of the two pore domain potassium channel (TC 1.A.1.8) family. KCNK16 is an open rectifier which primarily passes outward current under physiological K ⁺ concentrations. KCNK16 is expressed in the pancreas. Diseases associated with KCNK16 include Birk-Barel Syndrome and Maturity-Onset Diabetes of the Young.
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 IHC on either rat or mouse brain 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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