

Product Datasheet

Anti-Slo2.1/Slick K+ Channel Antibody FL594 Conjugate



Overview

Catalog #	75-055-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N11/33
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, Rat, and Xenopus
Immunogen	Fusion protein amino acids 564-624 of mouse Slo2.1 (accession number XP_920840) produced recombinantly in E. Coli
Molecular Weight	140 kDa
Cite this Antibody	Antibodies Inc Cat# 75-055-FL594, RRID: AB_2939242

Details

Target Description	Potassium sodium-activated channel subfamily T member 2 is encoded by the gene KCNT2. KCNT2 is a member of the potassium channel family, calcium-activated (TC 1.A.1.3) subfamily, KCa4.2/KCNT2 sub-subfamily. KCNT2 is an outward rectifying potassium channel which produces rapidly activating outward rectifying K ⁺ currents. KCNT2 is expressed in the brain and skin. Diseases associated with KCNT2 include Early Infantile Epileptic Encephalopathy 57 and Bulbar Polio.
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 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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