

## Product Datasheet

## Anti-Slo2.1/Slick K+ Channel Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-055-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N11/33
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Mouse, Rat, and Xenopus
<b>Immunogen</b>	Fusion protein amino acids 564-624 of mouse Slo2.1 (accession number XP_920840) produced recombinantly in E. Coli
<b>Molecular Weight</b>	140 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-055-FL490, RRID: AB_2939240

## Details

<b>Target Description</b>	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 <sup>+</sup> currents. KCNT2 is expressed in the brain and skin. Diseases associated with KCNT2 include Early Infantile Epileptic Encephalopathy 57 and Bulbar Polio.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	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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