

Product Datasheet

Anti-TWIK-2 Antibody FL490 Conjugate



Overview

Catalog #	75-463-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N469/28
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
Species Reactivity	Mouse
Immunogen	Fusion protein amino acids 28-92 (first extracellular loop) of mouse TWIK-2 (accession number Q3TBV4) produced recombinantly in E. Coli
Molecular Weight	35 kDa
Cite this Antibody	Antibodies Inc Cat# 75-463-FL490, RRID: AB_2940544

Details

Target Description	Potassium two pore domain channel subfamily K member 6 is encoded by the gene KCNK6. KCNK6 is a member of the two pore domain potassium channel (TC 1.A.1.8) family. KCNK6 is considered an open rectifier, and is stimulated by arachidonic acid and inhibited by internal acidification and volatile anaesthetics. KCNK6 is expressed in platelets and testis. Diseases associated with KCNK6 include Thoracic Outlet Syndrome and Gingival Recession.
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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