

Product Datasheet

Anti-ANO6/TMEM16F Antibody FL650 Conjugate



Overview

Catalog #	75-418-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG2b
Clone Number	N429/19
Size	200 μ L
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	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1-294 (cytoplasmic N-terminus) of human ANO6 (accession number Q4KMQ2) produced recombinantly in E. Coli
Molecular Weight	110 kDa
Cite this Antibody	Antibodies Inc Cat# 75-418-FL650, RRID: AB_2940391

Details

Target Description	Anoctamin-6, Transmembrane Protein 16F or -ANO6/TMEM16F is encoded by the gene ANO6. ANO6 belongs to the anoctamin family of membrane proteins many of which are calcium-activated chloride channels. ANO6 plays a role as a regulator of phospholipid scrambling in platelets (which is involved in blood clotting). ANO6 is expressed in epithelial tissues. Diseases associated with ANO6 include Scott Syndrome and Miyoshi Muscular Dystrophy 3.
Specificity	Does not cross-react with ANO5/TMEM16E
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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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