

Product Datasheet

Anti-ANO5/TMEM16E Antibody FL594 Conjugate



Overview

Catalog #	75-410-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N421A/85
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	Human and Mouse
Immunogen	Fusion protein amino acids 1-299 (cytoplasmic N-terminus) of human ANO5 (accession number Q75V66) produced recombinantly in E. Coli
Molecular Weight	110 kDa
Cite this Antibody	Antibodies Inc Cat# 75-410-FL594, RRID: AB_2940358

Details

Target Description	Anoctamin-5, Transmembrane Protein 16E or -ANO5/TMEM16E is encoded by the gene ANO5. ANO5 belongs to the anoctamin family of membrane proteins many of which are calcium-activated chloride channels. ANO5 does not exhibit this channel activity. ANO5 is expressed in brain, heart, kidney, lung, skeletal muscle as well as other tissues. Diseases associated with ANO5 include Gnathodiaphyseal Dysplasia and Miyoshi Muscular Dystrophy 3.
Specificity	Does not cross-react with ANO6/TMEM16F
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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