

## Product Datasheet

## Anti-ANO6/TMEM16F Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-418-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N429/19
<b>Size</b>	200 $\mu$ L
<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>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 1-294 (cytoplasmic N-terminus) of human ANO6 (accession number Q4KMQ2) produced recombinantly in E. Coli
<b>Molecular Weight</b>	110 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-418-FL550, RRID: AB_2940389

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Does not cross-react with ANO5/TMEM16E
<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 by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
<b>Storage</b>	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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