

## Product Datasheet

## Anti-TrpM6 Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-464-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	N470/22
<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
<b>Species Reactivity</b>	Human
<b>Immunogen</b>	Fusion protein amino acids 1258-1480 (cytoplasmic C-terminus) of human TrpM6 (accession number Q9BX84) produced recombinantly in E. Coli
<b>Molecular Weight</b>	240 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-464-FL650, RRID: AB_2940551

## Details

<b>Target Description</b>	Transient receptor potential cation channel subfamily M member 6 or TrpM6 is encoded by the gene TRPM6. TrpM6 is a member of the transient receptor potential ion channel family and acts as a serine/threonine-protein kinase. TrpM6 has an essential function in magnesium transport and is involved with magnesium absorption in the gut and kidney. TRPM6 is primarily expressed in the kidney, colon, GI tract and placenta kidney. Mutations in this gene are associated with hypomagnesemia with secondary hypocalcemia.
<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.

**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.

**Our Guarantee**

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