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PRODUCT DATASHEET

Anti-TrpM6 Antibody (BSA and Azide free)

Product Details

Available Variants	100 µL (SKU:75-464-CF)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N470/22
Gene Name	TRPM6 CHAK2
Host Species	Mouse
Concentration	Lot dependent: provided at 0.6-1.0 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and buffer exchanged into 1X PBS. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, WB
Species Reactivity	Human
Immunogen	Fusion protein amino acids 1258-1480 (cytoplasmic C-terminus) of human TrpM6 (accession number Q9BX84) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	240 kDa
Quality Control	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.
UniProt ID	Q9BX84 UniProt Summary: Bifunctional protein that combines an ion channel with an intrinsic kinase domain, enabling it to modulate cellular functions either by conducting ions through the pore or by phosphorylating downstream proteins via its kinase domain. Crucial for Mg(2+) homeostasis. Has an important role in epithelial Mg(2+) transport and in the active Mg(2+) absorption in the gut and kidney. However, whether TRPM6 forms functional homomeric channels by itself or functions primarily as a subunit of heteromeric TRPM6-TRPM7 channels, is still under debate.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	140803

Product Images



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Created on 04. November 2026 | All information without guarantee