



TRPM6 Mouse mAb

Catalog No	YP-mAb-18955
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	TRPM6 CHAK2
Protein Name	Transient receptor potential cation channel subfamily M member 6 (Channel kinase 2) (Melastatin-related TRP cation channel 6)
Immunogen	Synthesized peptide derived from human TRPM6
Specificity	This antibody detects endogenous levels of TRPM6 at Human,Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	222kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein.
Tissue Specificity	Highly expressed in kidney and colon. Isoform TRPM6a and isoform TRPM6b, are coexpressed with TRPM7 in kidney, and testis, and are also found in several cell lines of lung origin. Isoform TRPM6c is detected only in testis and in NCI-H510A small cell lung carcinoma cells.
Function	Essential ion channel and serine/threonine-protein kinase. Crucial for magnesium homeostasis. Has an important role in epithelial magnesium transport and in the active magnesium absorption in the gut and kidney. Isoforms of the type M6-kinase lack the ion channel region.
Background	
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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