



TRPC4 Mouse mAb

Catalog No	YP-mAb-19060
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TRPC4
Immunogen	Synthesized peptide derived from human TRPC4
Specificity	This antibody detects endogenous levels of TRPC4 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	TRP4;HTRP4;HTRP-4;TRPC4;Short transient receptor potential channel 4 (TrpC4) (Trp-related protein 4) (hTrp-4) (hTrp4)
Observed Band	112kDa
Calculated Molecular Weight	112kDa
Cell Pathway	Membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Enhanced insertion into the cell membrane after activation of the EGF receptor.
Tissue Specificity	Strongly expressed in placenta. Expressed at lower levels in heart, pancreas, kidney and brain. Expressed in endothelial cells. Isoform alpha was found to be the predominant isoform. Isoform beta was not found in pancreas and brain.
Function	Forms a receptor-activated non-selective calcium permeant cation channel. Acts as a cell-cell contact-dependent endothelial calcium entry channel. Probably operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Mediates cation entry, with an enhanced permeability to barium over calcium. May also be activated by intracellular calcium store depletion.
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.

Products Images