



[Go to Product page](#)

Datasheet for ABIN7427165
anti-TRPM4 antibody (AA 1-400)

1 Image

Overview

Quantity:	100 µL
Target:	TRPM4
Binding Specificity:	AA 1-400
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRPM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Transient Receptor Potential Cation Channel Subfamily M, Member 4 (TRPM4)
Immunogen:	Recombinant Transient Receptor Potential Cation Channel Subfamily M, Member 4 (TRPM4) corresponding to Met1~Leu400 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against TRPM4. It has been selected for its ability to recognize TRPM4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

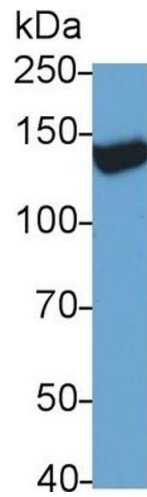
Target:	TRPM4
Alternative Name:	Transient Receptor Potential Cation Channel Subfamily M, Member 4 (TRPM4 Products)
Background:	TRPM4B, Melastatin-4, Calcium-activated non-selective cation channel 1, Long transient receptor potential channel 4
Pathways:	Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of TRPM4 in Rat Serum using Monoclonal Antibody to Transient Receptor Potential Cation Channel Subfamily M, Member 4 (TRPM4)