

Datasheet for ABIN7043846  
**anti-TRPV2 antibody (1st Extracellular Loop)**



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2 Images

## Overview

Quantity:	50 µL
Target:	TRPV2
Binding Specificity:	1st Extracellular Loop, AA 417-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KQAAPHLKAEVGNS, corresponding to amino acid residues 417-430 of human TRPV2
Isotype:	IgG
Cross-Reactivity (Details):	The antibody will not recognize the protein from rat or mouse samples.
Characteristics:	Anti-Human TRPV2 (VRL1) (extracellular) Antibody (ABIN7043846, ABIN7044077 and ABIN7044078)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot analysis. It has been designed to recognize TRPV2 from human samples only. It will not recognize the protein from rat or mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	TRPV2
Alternative Name:	TRPV2 (VRL1) ( <a href="#">TRPV2 Products</a> )
Background:	Alternative names: TRPV2 (VRL1), Vanilloid receptor-like protein 1, VRL-1, Osm-9-like TRP channel 2, OTRPC2, Strech-activated channel 2B, SAC2B
Gene ID:	51393
NCBI Accession:	<a href="#">NM_016113</a>
UniProt:	<a href="#">Q9Y5S1</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

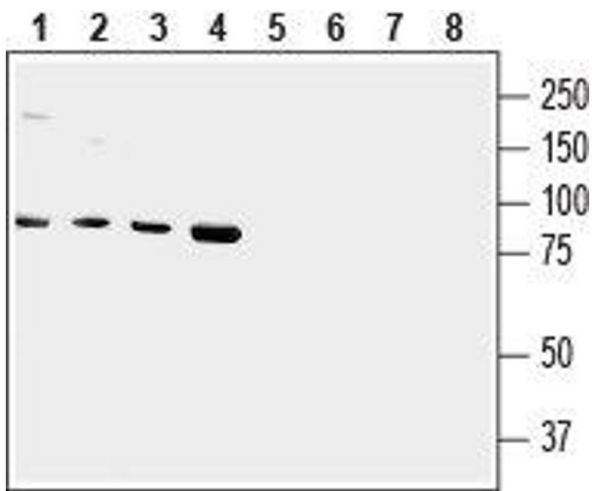
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

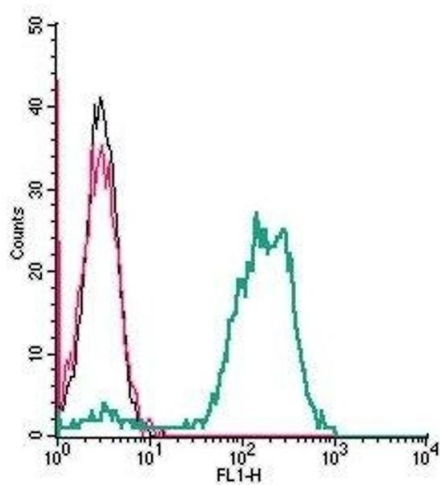
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Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



### Western Blotting

**Image 1.** Western blot analysis of human HMC3 microglial (lanes 1 and 5), Jurkat T-cell leukemia (lanes 2 and 6), HepG2 liver hepatoma (lanes 3 and 7) and chronic myelogenous K562 leukemia (lanes 4 and 8) cell lysates: - 1-4. Anti-Human TRPV2 (VRL1) (extracellular) Antibody (ABIN7043846, ABIN7044077 and ABIN7044078), (1:200).5-8. Anti-Human TRPV2 (VRL1) (extracellular) Antibody, preincubated with Human TRPV2/VRL1 (extracellular) Blocking Peptide (#BLP-CC139).



### Flow Cytometry

**Image 2.** Cell surface detection of TRPV2 by indirect flow cytometry in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-Human TRPV2 (VRL1) (extracellular) Antibody (ABIN7043846, ABIN7044077 and ABIN7044078), (2.5 µg) + goat-anti-rabbit-FITC.