

Datasheet for ABIN7043844

anti-TRPV2 antibody (1st Extracellular Loop) (FITC)



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2 Images

Overview

Quantity:	50 µL
Target:	TRPV2
Binding Specificity:	1st Extracellular Loop, AA 413-428
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	<p>Immunogen: Synthetic peptide</p> <p>Immunogen Sequence: (C)HQPSLDQPAIPSSKAT, corresponding to amino acid residues 413-428 of rat TRPV2</p>
Isotype:	IgG
Characteristics:	<p>Anti-TRPV2 (VRL1) (extracellular) Antibody (ABIN7043845, ABIN7044002 and ABIN7044003)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, immunoprecipitation, immunohistochemistry, live cell imaging, and indirect flow cytometry applications. It has been designed to recognize TRPV2 from mouse and rat samples.</p> <p>Anti-TRPV2 (VRL1) (extracellular)-FITC Antibody (ABIN7043845, ABIN7044002 and ABIN7044003)-F) is directly conjugated to fluorescein isothiocyanate (FITC). This labeled antibody can be used for immunofluorescent applications such as direct flow cytometry using live cells.</p>

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target:	TRPV2
Alternative Name:	TRPV2 (VRL1) (TRPV2 Products)
Background:	Alternative names: TRPV2 (VRL1), Transient receptor potential cation channel subfamily V member 2, Vanilloid receptor-like protein 1, VRL-1, Osm-9-like TRP channel 2, OTRPC2, Stretch-activated channel 2B, SAC2B
Gene ID:	29465
NCBI Accession:	NM_016113
UniProt:	Q9WUD2
Pathways:	Regulation of Cell Size

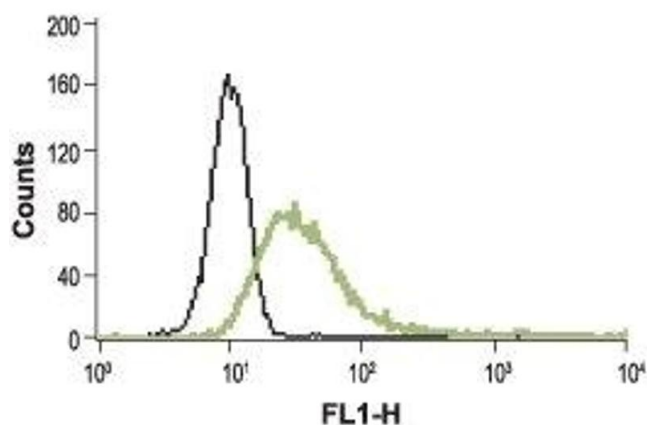
Application Details

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

Handling

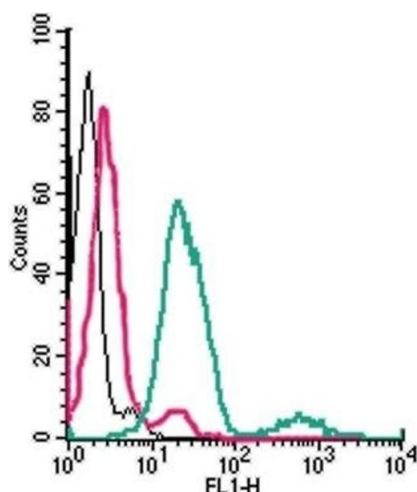
Format:	Lyophilized
Reconstitution:	50 µL double distilled water (DDW).
Concentration:	1 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND 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, protected from the

light, 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).



Flow Cytometry

Image 1. Cell surface detection of TRPV2 in intact living RBL cells: (black line) Unstained cells. (green line) Cells + Anti-TRPV2 (VRL1) (extracellular)-FITC Antibody, (ABIN7043844, ABIN7045480, ABIN7045481 and ABIN7045482).



Flow Cytometry

Image 2. Cell surface detection of TRPV2 in live intact mouse BV-2 microglia cells: (black line) Cells. (red line) Cells + Rabbit IgG isotype control-FITC. (green line) Cells + Anti-TRPV2 (VRL1) (extracellular)-FITC Antibody (ABIN7043844, ABIN7045480, ABIN7045481 and ABIN7045482), (5 µg).