

For Research Use Only

# TRPV1 Monoclonal antibody, PBS Only



Catalog Number: 66983-1-PBS

## Basic Information

Catalog Number: 66983-1-PBS	GenBank Accession Number: BC132820	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7442	CloneNo.: 1A3C9
Source: Mouse	UNIPROT ID: Q8NER1	
Isotype: IgG1	Full Name: transient receptor potential cation channel, subfamily V, member 1	
Immunogen Catalog Number: AG18683	Calculated MW: 839 aa, 95 kDa	
	Observed MW: 105 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human

## Background Information

TRPV1, also named as VR1 or OTRPC1, belongs to the transient receptor potential (TRP) family and TRPV subfamily (PMID: 17579562). TRPV1 is a ligand-activated non-selective calcium permeant cation channel expressed predominantly by sensory neurons (PMID: 10821274). It is involved in detection of noxious chemical and thermal stimuli. TRPV1 plays an important role in inflammatory thermal hyperalgesia (PMID: 10764638; 10821274).

## Storage

Storage:  
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

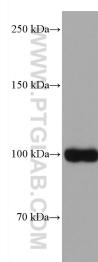
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 66983-1-Ig (TRPV1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66983-1-PBS in a different storage buffer formulation.