

For Research Use Only

Anti-Human TRPV3 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98540-1-PBS



Basic Information

Catalog Number: 98540-1-PBS	GenBank Accession Number: BC104868	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 162514	CloneNo.: 250990C6
Source: Rabbit	UNIPROT ID: Q8NET8	
Isotype: IgG	Full Name: transient receptor potential cation channel, subfamily V, member 3	
	Calculated MW: 791 aa, 91 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

Transient receptor potential cation channel, subfamily V, member 3, also known as TRPV3, is a human gene encoding the protein of the same name. The TRPV3 protein belongs to a family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of human sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. The TRPV3 channel has wide tissue expression that is especially high in the skin (keratinocytes) but also in the brain. It functions as a molecular sensor for innocuous warm temperatures. (PMID 12016205)

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, pH7.3

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

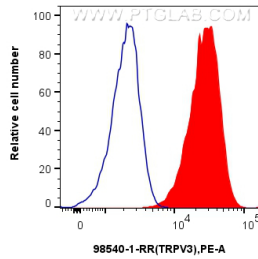
T: 4006900926

E: Proteintech-CN@ptglab.com

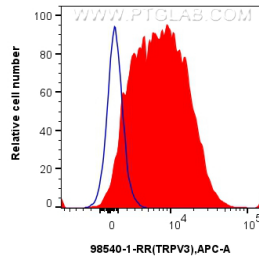
W: ptgcn.com

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Selected Validation Data



1x10⁶ U2OS cells were surface stained with 0.25 ug Anti-Human TRPV3 Rabbit RecAb (98540-1-RR, Clone:250990C6) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98540-1-PBS in a different storage buffer formulation.



1x10⁶ SH-SY5Y cells were surface stained with 0.25 ug Anti-Human TRPV3 Rabbit RecAb (98540-1-RR, Clone:250990C6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98540-1-PBS in a different storage buffer formulation.