

For Research Use Only

# Anti-Human TRPV3 Rabbit Recombinant Antibody

Catalog Number: 98540-1-RR



## Basic Information

Catalog Number:

98540-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC104868

GeneID (NCBI):

162514

UNIPROT ID:

Q8NET8

Full Name:

transient receptor potential cation channel, subfamily V, member 3

Calculated MW:

791 aa, 91 kDa

Purification Method:

Protein A purification

CloneNo.:

250990C6

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : U2OS cells, SH-SY5Y cells

## 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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

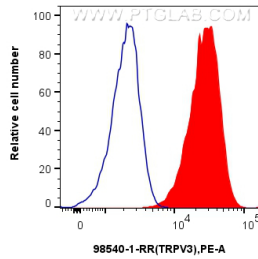
T: 4006900926

E: Proteintech-CN@ptglab.com

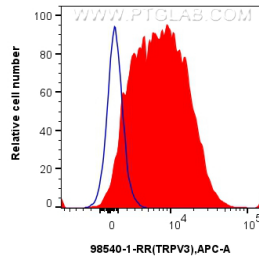
W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  U2OS cells were surface stained with 0.25  $\mu$ g Anti-Human TRPV3 Rabbit RecAb (98540-1-RR, Clone:250990C6) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed.



$1 \times 10^6$  SH-SY5Y cells were surface stained with 0.25  $\mu$ g Anti-Human TRPV3 Rabbit RecAb (98540-1-RR, Clone:250990C6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed.