

For Research Use Only

Anti-Human TRPM5 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98691-3-PBS



Basic Information

Catalog Number:

98691-3-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC093787

GeneID (NCBI):

29850

UNIPROT ID:

Q9NZQ8

Full Name:

transient receptor potential cation channel, subfamily M, member 5

Calculated MW:

98 kDa, 131 kDa

Purification Method:

Protein A purification

CloneNo.:

251123B10

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Transient receptor potential (TRP) proteins are a diverse family of proteins with structural features typical of ion channels (PMID: 14634208). TRPM5 is a member of the TRPM (melastatin-like) subfamily which are Ca(2+)-permeable cation channels localized predominantly to the plasma membrane (PMID: 11864597). TRPM5 plays a central role in taste transduction (PMID: 17610722). TRPM5 is implicated in enhancing TRPA1 expression and may be involved in regulating insulin secretion (PMID: 21932052).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

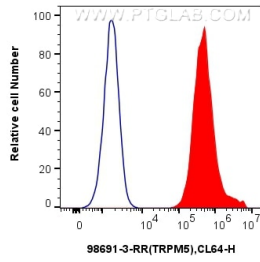
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ HepG2 cells were stained with 0.25 ug Anti-Human TRPM5 Rabbit RecAb (98691-3-RR, Clone: 251123B10) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98691-3-PBS in a different storage

