

For Research Use Only

Anti-Human MCOLN2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98650-1-PBS



Basic Information

Catalog Number:

98650-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC104891

GeneID (NCBI):

255231

UNIPROT ID:

Q8IZK6

Full Name:

muclipin 2

Calculated MW:

566 aa, 66 kDa

Purification Method:

Protein A purification

CloneNo.:

251091D10

Applications

Tested Applications:

IF/ICC, FC

Species Specificity:

human

Background Information

MCOLN2 (Muclipin-2), also known as TRPML2, is a member of the transient receptor potential muclipin (TRPML) family of gated cation channels. Primarily localized in the membranes of endosomes and lysosomes, it plays critical roles in intracellular trafficking, immune responses, and disease progression

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:

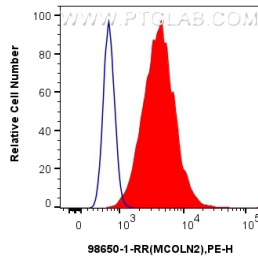
T: 4006900926

E: Proteintech-CN@ptglab.com

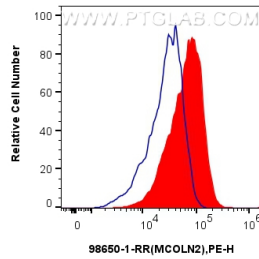
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

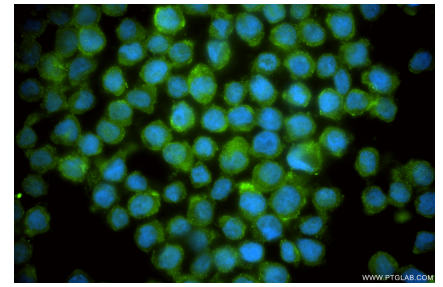
Selected Validation Data



1x10⁶ U2OS cells were surface stained with 0.25 ug Anti-Human MCOLN2 Rabbit RecAb (98650-1-RR, Clone:251091D10) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98650-1-PBS in a different storage buffer formulation.



1x10⁶ THP-1 cells were surface stained with 0.25 ug Anti-Human MCOLN2 Rabbit RecAb (98650-1-RR, Clone:251091D10) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98650-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using MCOLN2 antibody (98650-1-RR, Clone: 251091D10) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 98650-1-PBS in a different storage buffer formulation.