

For Research Use Only

Anti-Human MUC1/CA15-3 Rabbit Recombinant Antibody

Catalog Number: 98901-1-RR



Basic Information

Catalog Number:

98901-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

4582

UNIPROT ID:

P15941

Full Name:

mucin 1, cell surface associated

Purification Method:

Protein A purification

CloneNo.:

261143A1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PHA treated human PBMCs,

Background Information

MUC1 is a type I transmembrane glycoprotein expressed by various epithelial cells of the female reproductive tract, lung, breast, kidney, stomach, and pancreas. MUC1 is transcribed as a large precursor gene product, and upon translation, is cleaved in the endoplasmic reticulum, yielding two subunits: the large extracellular N-terminal subunit (MUC1-N, about 120-200 kDa) and the small cytoplasmic C-terminal subunit (MUC1-C, about 23-30 kDa). Among the known mucins, MUC1 is best studied and plays crucial roles in regulating many cellular properties, including cell proliferation, apoptosis, adhesion, and invasion. MUC1 is overexpressed in a wide range of human epithelial malignancies.

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:

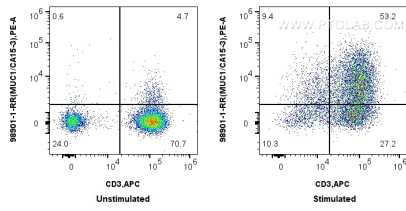
T: 4006900926

E: Proteintech-CN@ptglab.com

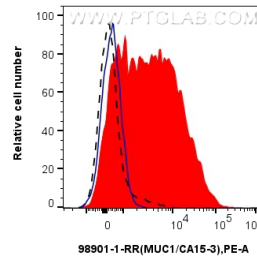
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Selected Validation Data



1x10⁶ untreated or PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human MUC1/CA15-3 Rabbit RecAb (98901-1-RR, Clone: 261143A1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were not fixed.



1x10⁶ PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human MUC1/CA15-3 Rabbit RecAb (98901-1-RR, Clone: 261143A1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human MUC1/CA15-3 Rabbit RecAb (98901-1-RR, Clone:261143A1) (black, dashed). Cells were not fixed.