

For Research Use Only

Anti-Human CD52 Rabbit Recombinant Antibody

Catalog Number: 98750-1-RR



Basic Information

Catalog Number:

98750-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

1043

UNIPROT ID:

P31358

Full Name:

CD52 molecule

Purification Method:

Protein A purification

CloneNo.:

253542A1

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

CD52 (Cluster of Differentiation 52), also known as the CAMPATH-1 antigen, is a small, heavily glycosylated protein found on the surface of various immune and reproductive cells, such as mature lymphocytes, natural killer cells (NK), eosinophils, neutrophils, monocytes/macrophages, and dendritic cells (DCs) (PMID: 16797237). CD52 is tethered to outer surface of cellular membrane by glycosylphosphatidylinositol (GPI)-anchor, and does not possess intracellular domains (PMID: 19236377, 28283679).

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:

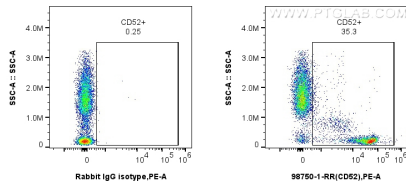
T: 4006900926

E: Proteintech-CN@ptglab.com

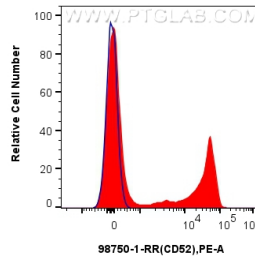
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD52 Rabbit RecAb (98750-1-RR, Clone: 253542A1) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD52 Rabbit RecAb (98750-1-RR, Clone: 253542A1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.