

For Research Use Only

Anti-Mouse CD37 Rabbit Recombinant Antibody

Catalog Number: 98443-1-RR



Basic Information

Catalog Number:

98443-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2729

GenBank Accession Number:

NM_007645.4

GeneID (NCBI):

12493

UNIPROT ID:

Q61470

Full Name:

CD37 antigen

Calculated MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

250262E4

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

Background Information

CD37 is a membrane protein of the tetraspanin superfamily which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD37 plays a role in B-cell function, and may also play a role in T-cell-B-cell interactions (PMID: 10891477).

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:

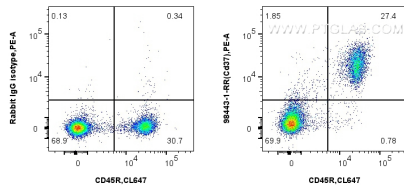
T: 4006900926

E: Proteintech-CN@ptglab.com

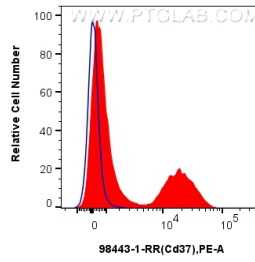
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD37 Rabbit RecAb (98443-1-RR, Clone: 250262E4) 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 then stained with CoraLite® Plus 647 Anti-Mouse CD45R (B220) (RA3-6B2) (CL647-65139, Clone: RA3-6B2). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD37 Rabbit RecAb (98443-1-RR, Clone: 250262E4) (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 not fixed.