

For Research Use Only

Anti-Mouse DPP4/CD26 Rabbit Recombinant Antibody

Catalog Number: 98356-1-RR



Basic Information

Catalog Number:

98356-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_010074.3

GeneID (NCBI):

13482

UNIPROT ID:

P28843

Full Name:

dipeptidylpeptidase 4

Calculated MW:

87 kDa

Purification Method:

Protein A purification

CloneNo.:

242823A9

Recommended Dilutions:

FC: 0.13 ug per 10⁶ cells in 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

Background Information

CD26, also known as DPP4 (dipeptidyl peptidase-4), is a 110 kDa type II cell-surface glycoprotein widely expressed on T cells, activated B cells, activated NK cells and myeloid cells as well as on epithelial cells, fibroblasts, mesothelium, and endothelial cells of a variety of tissues (PMID:33777580; 26919392). It has ecto-enzyme activity in its extracellular domain and cleaves amino-terminal dipeptides with either L-proline or L-alanine at the penultimate position (PMID: 9553764). CD26 plays roles in diverse biological processes such as immunoregulation, glucose homeostasis, and tumorigenesis (PMID: 33777580).

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:

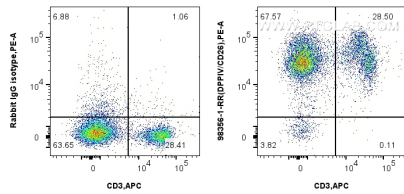
T: 4006900926

E: Proteintech-CN@ptglab.com

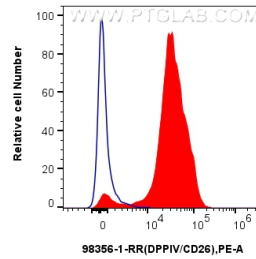
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.125 ug Anti-Mouse DPP4/CD26 Rabbit RecAb (98356-1-RR, Clone:242823A9) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit CD3. Cells were then stained with APC Anti-Human CD3. Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.125 ug Anti-Mouse DPP4/CD26 Rabbit RecAb (98356-1-RR, Clone: 242823A9) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.