

For Research Use Only



FcZero-rAb® APC Anti-Mouse DPP4/CD26 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98356

Basic Information

Catalog Number:

APC-FcA98356

Size:

100ug , 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1384

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: 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

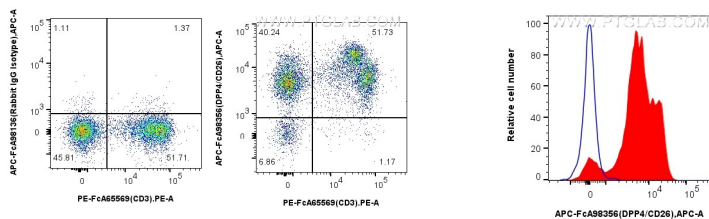
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with FcZero-rAb® PE Anti-Mouse CD3 (17A2), and 0.1 ug APC Anti-Mouse DPP4/CD26 Rabbit RecAb (APC-FcA98356, Clone: 242823A9) or 0.1 ug FcZero-rAb® APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10⁶ mouse splenocytes were surface stained with 0.1 ug APC Anti-Mouse DPP4/CD26 Rabbit RecAb (APC-FcA98356, Clone: 242823A9) (red) or 0.1 ug FcZero-rAb® APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.