

For Research Use Only

# FcZero-rAb™ APC Anti-Human DPP4/CD26 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98261



## Basic Information

<b>Catalog Number:</b> APC-FcA98261	<b>GenBank Accession Number:</b> BC013329	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100tests , 5 ul/test	<b>GeneID (NCBI):</b> 1803	<b>CloneNo.:</b> 242045C1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P27487	<b>Recommended Dilutions:</b> FC: 5 ul per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> dipeptidyl-peptidase 4	<b>Excitation/Emission maxima wavelengths:</b> 650 nm / 660 nm
<b>Immunogen Catalog Number:</b> EG0157	<b>Calculated MW:</b> 88 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : human PBMCs,
<b>Species Specificity:</b> human	

## 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

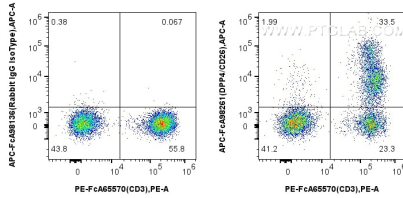
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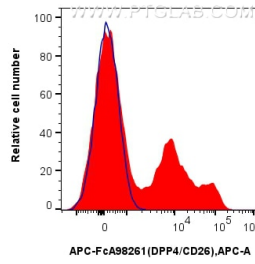
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with PE Anti-Human CD3 (UCHT1), and 5 ul APC Anti-Human DPP4/CD26 Rabbit RecAb (APC-FcA98261, Clone: 242045C1) or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul APC Anti-Human DPP4/CD26 Rabbit RecAb (APC-FcA98261, Clone: 242045C1) (red) or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.