

For Research Use Only

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

Catalog Number: Biotin-FcA98261



Basic Information

Catalog Number:	Biotin-FcA98261	GenBank Accession Number:	BC013329	Purification Method:	Protein A purification
Concentration:	100ug, 500 ug/ml	GenID (NCBI):	1803	CloneNo.:	242045C1
Source:	Rabbit	UNIPROT ID:	P27487	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	Full Name:	dipeptidyl-peptidase 4	Excitation/Emission maxima wavelengths:	-
Immunogen Catalog Number:	EG0157	Calculated MW:	88 kDa		

Applications

Tested Applications:	FC, ELISA	Positive Controls:
Species Specificity:	human	FC : human PBMCs,

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, pH7.3

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

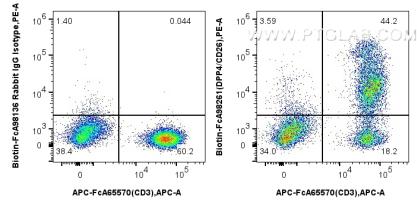
T: 4006900926

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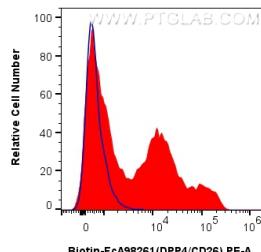
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human DPP4/CD26 Rabbit RecAb (Biotin-FcA98261, Clone:242045C1) or 5 ul FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (APC-FcA65570, Clone: UCHT1). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human DPP4/CD26 Rabbit RecAb (Biotin-FcA98261, Clone:242045C1) and Streptavidin-PE Conjugate (PE-PF00030) (red), or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.