

For Research Use Only

Anti-Human DPP4/CD26 Rabbit Recombinant Antibody

Catalog Number: 98261-1-RR



Basic Information

Catalog Number: 98261-1-RR	GenBank Accession Number: BC013329	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 1803	CloneNo.: 242045C1
Source: Rabbit	UNIPROT ID: P27487	
Isotype: IgG	Full Name: dipeptidyl-peptidase 4	
	Calculated MW: 88 kDa	

Applications

Tested Applications:
FC

Species Specificity:
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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

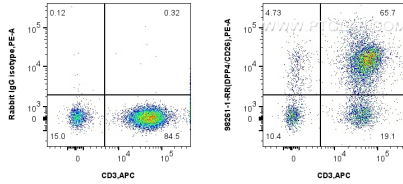
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E: Proteintech-CN@ptglab.com

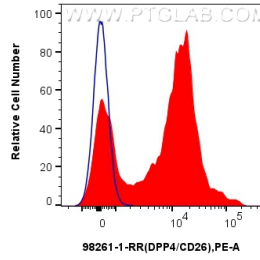
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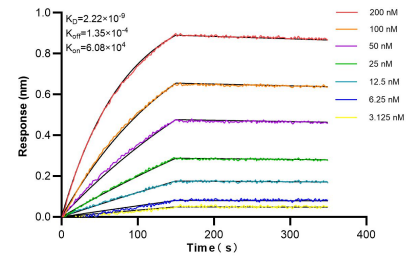
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human DPP4/CD26 Rabbit Recombinant Antibody (98261-1-RR, Clone: 242045C1) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human DPP4/CD26 Rabbit Recombinant Antibody (98261-1-RR, Clone: 242045C1) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Lymphocytes were gated.



Bi-layer interferometry (BLI) kinetic assays of 98261-1-RR against Human DPP4/CD26 were performed. The affinity constant is 2.22 nM.