

For Research Use Only

Anti-Human DPP4/CD26 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98261-1-PBS



Basic Information

Catalog Number:

98261-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC013329

GeneID (NCBI):

1803

UNIPROT ID:

P27487

Full Name:

dipeptidyl-peptidase 4

Calculated MW:

88 kDa

Purification Method:

Protein A purification

CloneNo.:

242045C1

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

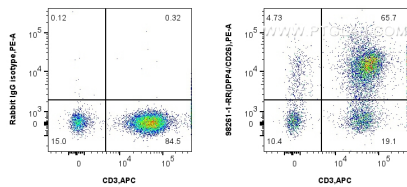
T: 4006900926

E: Proteintech-CN@ptglab.com

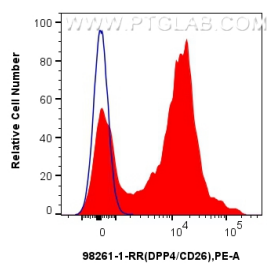
W: ptgcn.com

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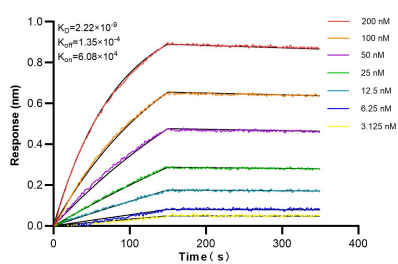
Selected Validation Data



1x10⁶ 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. This data was



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. This data was developed using the same antibody clone with 98261-1-PBS in a different storage buffer formulation.



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