Biotin Anti-Human DPP4/CD26 (BA5b) Mouse IgG2a Recombinant Antibody

Catalog Number:Biotin-65574

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Basic Information

Catalog Number: Biotin-65574	**GenBank Accession Number:** BC013329	**Purification Method:** Protein A purification
Size: 100ug , 500 μg/ml	**GeneID (NCBI):** 1803	**CloneNo.:** BA5b
Source: Mouse	**Full Name:** dipeptidyl-peptidase 4	
Isotype: IgG2a	**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℃. Avoid exposure to light. Stable for one year after shipment.
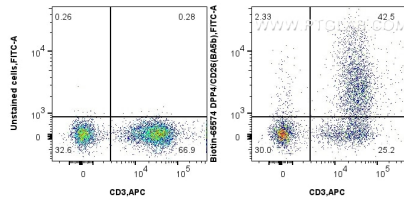**Storage Buffer:**
PBS with 0.09% sodium azide, pH7.3

Selected Validation Data

1x10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human DPP4/CD26 (BA5b) Mouse IgG2a RecAb (Biotin-65574, Clone: BA5b) and CoraLite®488-conjugated streptavidin, or unstained. 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.
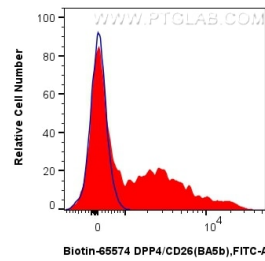
1x10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human DPP4/CD26 (BA5b) Mouse IgG2a RecAb (Biotin-65574, Clone: BA5b) and CoraLite®488-conjugated streptavidin (red) or unstained (blue). Cells were not fixed. Lymphocytes were gated.