CoraLite® Plus 405 Anti-Human DPP4/CD26 (BA5b) Mouse IgG2a Recombinant Antibody

Catalog Number:CL405-65574

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-65574	BC013329	Protein A purification
Size:	**GeneID (NCBI):**	**CloneNo.:**
100tests , 5 μl/test	1803	BA5b
Source:	**Full Name:**	**Excitation/Emission maxima wavelengths:**
Mouse	dipeptidyl-peptidase 4	399 nm / 422 nm
Isotype:	**Calculated MW:**	
IgG2a	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).
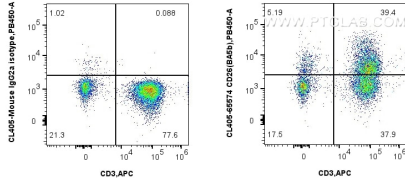
Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
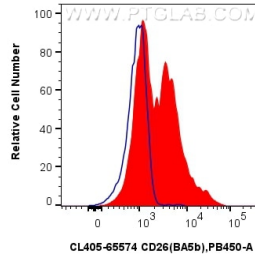**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1x10^6 human PBMCs were surface stained with APC Anti-Human CD3 and 5 ul CoraLite® Plus 405 Anti-Human CD26 (BA5b) Mouse IgG2a Recombinant Antibody (CL405-65574, Clone: BA5b) (right), or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4) (left). Cells were not fixed. Lymphocytes were gated

1x10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD26 (BA5b) Mouse IgG2a Recombinant Antibody (CL405-65574, Clone: BA5b) (red), or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4) (blue). Cells were not fixed. Lymphocytes were gated. Lymphocytes were gated.