

For Research Use Only

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



Catalog Number: **CL405-65574**

Basic Information

Catalog Number: CL405-65574	GenBank Accession Number: BC013329	Purification Method: Protein A purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 1803	CloneNo.: BA5b
Source: Mouse	Full Name: dipeptidyl-peptidase 4	Excitation/Emission maxima wavelengths: 399 nm / 422 nm
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°C. Avoid exposure to light.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

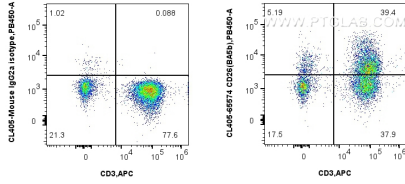
T: 4006900926

E: Proteintech-CN@ptglab.com

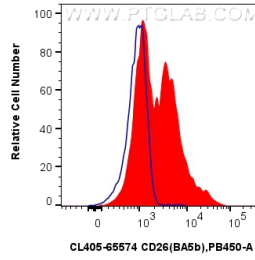
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 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



1x10⁶ 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.