

For Research Use Only



CoraLite® Plus 488 Anti-Human DPP4/CD26 (BA5b) Mouse IgG2a Recombinant Antibody

Catalog Number: **CL488-65574**

Basic Information

Catalog Number: CL488-65574	GenBank Accession Number: BC013329	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 1803	CloneNo.: BA5b
Source: Mouse	UNIPROT ID: P27487	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in 100 μl suspension
Isotype: IgG2a	Full Name: dipeptidyl-peptidase 4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 88 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

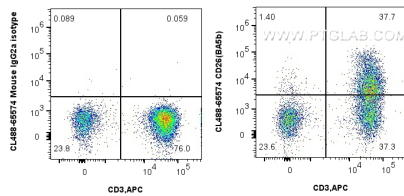
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul Coralite® Plus 488 CD26 Recombinant Antibody (CL488-65574, Clone: BA5b) or Coralite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4). Cells were then stained with 5 ul APC Anti-Human CD3 (OKT3) (APC-65133, Clone: OKT3). Cells were not fixed. Lymphocytes were gated.