

For Research Use Only

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

Catalog Number: PE-65574



Basic Information

Catalog Number:

PE-65574

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC013329

GeneID (NCBI):

1803

Full Name:

dipeptidyl-peptidase 4

Calculated MW:

88 kDa

Purification Method:

Protein A purification

CloneNo.:

BA5b

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

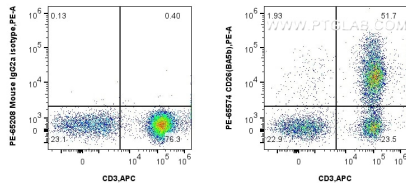
For technical support and original validation data for this product please contact:

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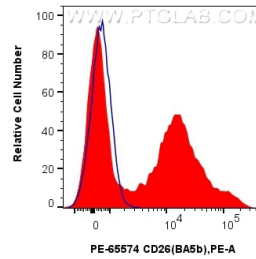
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W: ptglab.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human CD3 and 5 ul PE Anti-Human CD26 (BA5b) Mouse IgG2a Recombinant Antibody (PE-65574, Clone: BA5b), or PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD26 (BA5b) Mouse IgG2a Recombinant Antibody (PE-65574, Clone: BA5b) (red), or PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4) (blue). Cells were not fixed. Lymphocytes were gated.