For Research Use Only

CoraLite® Plus 647 Anti-Human DPP4/CD26 (BA5b)

Catalog Number:CL647-65267

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL647-65267

Size:
100tests, 5 ul/test

Source:
Mouse

Isotype:
IgG2a, kappa

GenBank Accession Number:
BC013329

GeneID (NCBI):
1803

Full Name:
dipeptidyl-peptidase 4

Calculated MW:
88 kDa

Purification Method:
Affinity purification

CloneNo.:
BA5b

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

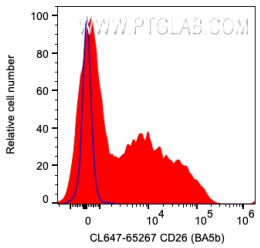
CD26, also known as DPP4 (dipeptidyl peptidase-4), is a 110 kDa type II cell-surface glycoprotein widely expressed on T cells, activated B cells, activated NK cells and myeloid cells as well as on epithelial cells, fibroblasts, mesothelium, and endothelial cells of a variety of tissues (PMID:33777580; 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

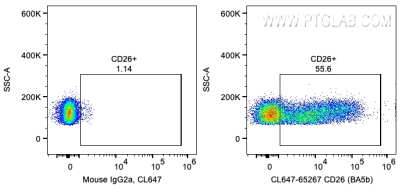
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



1X10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD26 (CL647-65267, Clone:BA5b) (red) or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.



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