For Research Use Only

CoraLite® Plus 647 Anti-Human CD45RA (HI100)

Catalog Number:CL647-65108

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

Basic Information

Catalog Number:
CL647-65108

Size:
100tests, 5 μl/test

Source:
Mouse

Isotype:
IgG2b, kappa

GenBank Accession Number:
BC014239

GeneID (NCBI):
5788

ENSEMBL Gene ID:
ENSG00000081237

UNIPROT ID:
P08575

Full Name:
protein tyrosine phosphatase, receptor type, C

Purification Method:
Affinity purification

CloneNo.:
HI100

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097). CD45 exists as multiple isoforms due to alternative splicing of three exons (4, 5, and 6, designated A, B, and C) in the extracellular domain (PMID: 12414720). CD45RA is expressed on naïve T cells, B cells, and monocytes (PMID: 1830500; 14687231).

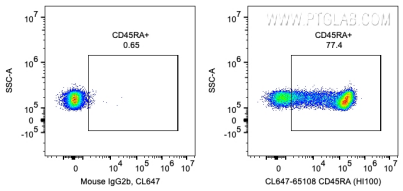
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

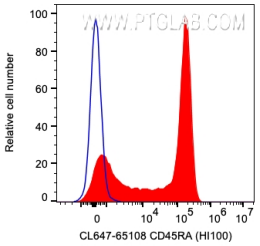
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD45RA (CL647-65108, Clone:HI100), or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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