

For Research Use Only

CoraLite® Plus 555 Anti-Human CD45RA (HI100)



Catalog Number: CL555-65108

Basic Information

Catalog Number: CL555-65108	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 5788	CloneNo.: HI100
Source: Mouse	Full Name: protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Isotype: IgG2b, kappa		

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 0.09% sodium azide and 0.5% BSA.

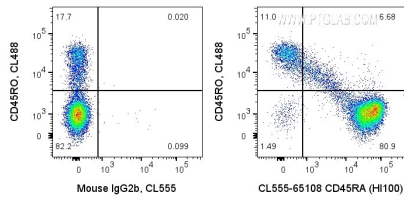
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

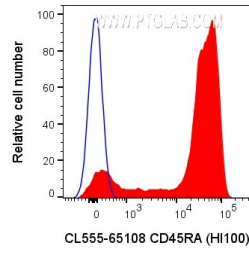
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ human PBMCs were surface stained with CL488 Anti-Human CD45RO and 5 ul CoraLite® Plus 555 Anti-Human CD45RA (CL555-65108, Clone:HI 100), or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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