

For Research Use Only

FITC Plus Anti-Human CD45RA (HI100)



Catalog Number: FITC-65108

Basic Information

Catalog Number: FITC-65108	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 5788	CloneNo.: HI100
Source: Mouse	ENSEMBL Gene ID: ENSG00000081237	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG2b, kappa	UNIPROT ID: P08575	
	Full Name: protein tyrosine phosphatase, receptor type, C	

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 naive 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:

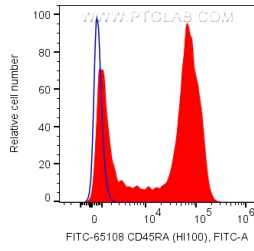
T: 4006900926

E: Proteintech-CN@ptglab.com

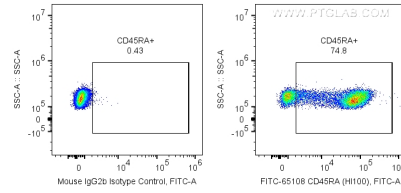
W: ptgcn.com

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Selected Validation Data



1×10^6 human PBMCs were surface stained with 5 μ l FITC Anti-Human CD45RA (FITC-65108, Clone:HI100) (red) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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