

For Research Use Only

FITC Plus Anti-Human CD45 (HI30)

Catalog Number: FITC-65109 **4 Publications**



Basic Information

Catalog Number: FITC-65109	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 5788	CloneNo.: HI30
Source: Mouse	ENSEMBL Gene ID: ENSG00000081237	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG1, kappa	UNIPROT ID: P08575	
	Full Name: protein tyrosine phosphatase, receptor type, C	

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Human

Cited Species:
human, mouse

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Qingxi Qu	36359787	Cells	FC
Cheng Huang	36403209	Adv Sci (Weinh)	FC
Hanxianzhi Xiao	37783150	Biomed Pharmacother	FC

Storage

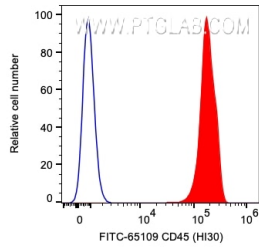
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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



1X10⁶ human PBMCs were surface stained with 5 ul FITC Anti-Human CD45 (FITC-65109, Clone:HI30) (red) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.