

For Research Use Only

Anti-Human CD45 (F10-89-4)

Catalog Number: 65064-1-Ig



Basic Information

Catalog Number: 65064-1-Ig	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100ug, 0.1 mg/ml	GeneID (NCBI): 5788	CloneNo.: F10-89-4
Source: Mouse	ENSEMBL Gene ID: ENSG00000081237	
Isotype: IgG2a, 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).

Storage

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

Storage Buffer:
Borate buffered saline, pH 8.2.

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

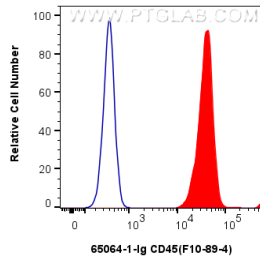
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD45 (F10-89-4) (65064-1-Ig, Clone: F10-89-4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.5 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (blue). Cells were not fixed.