

For Research Use Only

FITC Anti-Human CD45 (2D1)

Catalog Number: FITC-65082



Basic Information

Catalog Number: FITC-65082	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100tests , 5 µl(1µg)/test	GeneID (NCBI): 5788	CloneNo.: 2D1
Source: Mouse	Full Name: protein tyrosine phosphatase, receptor type, C	
Isotype: IgG1		

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

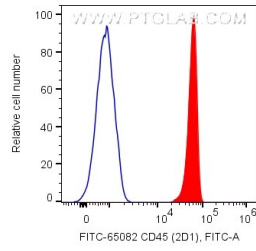
Storage:
Store at 2-8°C. Avoid exposure to light.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

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

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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 5 ul FITC Anti-Human CD45 (FITC-65082, Clone: 2D1) or Mouse IgG1 Isotype Control (blue). Cells were not fixed. Lymphocytes were gated.