For Research Use Only

Anti-Human CD45 (2D1)

Catalog Number:65082-1-lg



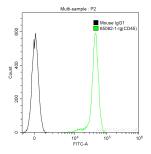
Basic Information	Catalog Number: 65082-1-lg	GenBank Accession Number: BC014239	Purification Method: Affinity purification
	Size: 100ug, 500 µg/ml	GenelD (NCBI): 5788	CloneNo.: 2D1
	Source: Mouse	ENSEMBL Gene ID: ENSG0000081237	
	Isotype: IgG1, kappa	Full Name: protein tyrosine phosphatase, receptor 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 Storage Buffer: PBS with 0.1% sodium azide		

 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



1X10^6 human peripheral blood lymphocytes were surface stained with 0.5 ug Anti-Human CD45 (65082-1-Ig, Clone: 2D1) and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.5 ug isotype control and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.