

For Research Use Only

Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number: 98117-1-RR



Basic Information

Catalog Number: 98117-1-RR	GenBank Accession Number: GeneID (NCBI): 5788	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	ENSEMBL Gene ID: ENSG0000081237	CloneNo.: 241670E10
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor type, C	
Isotype: IgG		

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:
PBS with 0.09% sodium azide, pH 7.3.

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

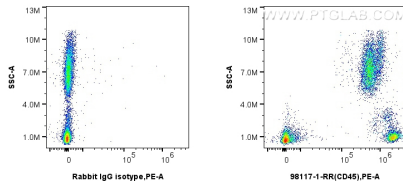
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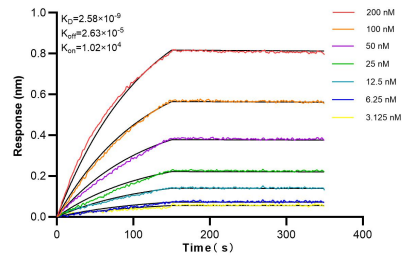
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Selected Validation Data



1×10^6 human peripheral blood leukocytes were surface stained with 0.25 μg Anti-Human CD45 Rabbit Recombinant Antibody (98117-1-RR, Clone: 241670E10) or 0.25 μg Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98117-1-RR against Human CD45 were performed. The affinity constant is 2.58 nM.