

For Research Use Only

Anti-Human CD45 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98117-5-PBS



Basic Information

Catalog Number: 98117-5-PBS	GenBank Accession Number: 5788	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 5788	CloneNo.: 251964B9
Source: Rabbit	ENSEMBL Gene ID: ENSG00000081237	
Isotype: IgG	UNIPROT ID: P08575	
Immunogen Catalog Number: EG2486	Full Name: protein tyrosine phosphatase, receptor type, C	
	Calculated MW: 147 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human, monkey, non-human primates

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

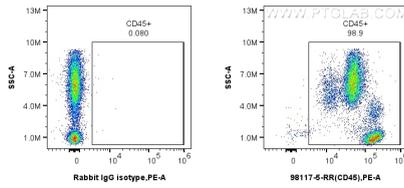
T: 4006900926

E: Proteintech-CN@ptglab.com

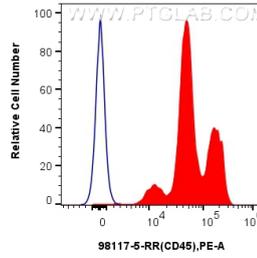
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD45 Rabbit RecAb (98117-5-RR, Clone: 251964B9) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98117-5-PBS in a different storage buffer formulation.



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD45 Rabbit RecAb (98117-5-RR, Clone: 251964B9) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98117-5-PBS in a different storage buffer formulation.