

For Research Use Only

# FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number:**PCL594-FcA98117**



## Basic Information

Catalog Number:	PCL594-FcA98117	GenBank Accession Number:	
Concentration:	100tests, 5 $\mu$ l/test	GeneID (NCBI):	5788
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:	Positive Controls: FC : human PBMCs,

human

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. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

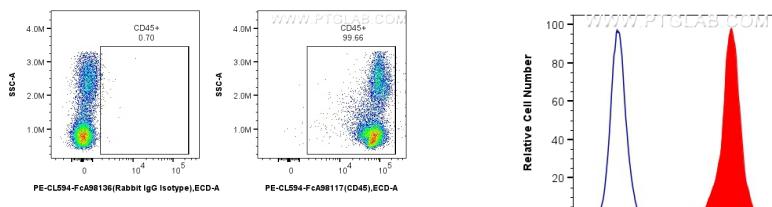
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 5  $\mu$ l PE-CL594 Plus Anti-Human CD45 Rabbit RecAb (PCL594-FcA98117, Clone:241670E10) or FcZero-rAb™ PE-Coralite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10<sup>6</sup> human PBMCs were surface stained with 5  $\mu$ l PE-CL594 Plus Anti-Human CD45 Rabbit RecAb (PCL594-FcA98117, Clone:241670E10) (red) or FcZero-rAb™ PE-Coralite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.