

For Research Use Only

FcZero-rAb™ CoraLite® Plus 555 Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number:**CL555-FcA98117**



Basic Information

Catalog Number:	CL555-FcA98117	GenBank Accession Number:	Purification Method:
Concentration:	100tests, 5 μ l/test	GeneID (NCBI):	Protein A purification
Source:	Rabbit	ENSEMBL Gene ID:	CloneNo.:
Isotype:	IgG	UNIPROT ID:	241670E10
Immunogen Catalog Number:	EG2486	Full Name:	Recommended Dilutions:
		protein tyrosine phosphatase, receptor type, C	FC: 5 μ l per 10^6 cells in a 100 μ l suspension
		Calculated MW:	Excitation/Emission maxima wavelengths:
		147 kDa	557 nm / 570 nm

Applications

Tested Applications:	Positive Controls:
FC	FC : human PBMCs,

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. 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:

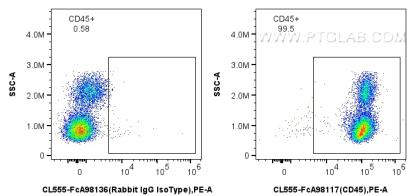
T: 4006900926

E: Proteintech-CN@ptglab.com

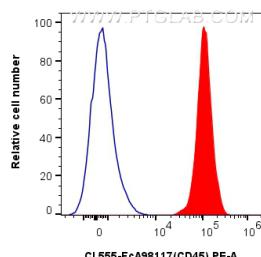
W: ptgcn.com

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

Selected Validation Data



1×10^6 human PBMCs were surface stained with 5 μ l Coralite®555 Anti-Human CD45 Rabbit RecAb (CL555-FcA98117, Clone:241670E10), or 5 μ l Rabbit IgG Isotype Control RecAb (CL555-FcA98136, Clone: 240953C9). Cells were not fixed.



1×10^6 human PBMCs were surface stained with 5 μ l Coralite®555 Anti-Human CD45 Rabbit RecAb (CL555-FcA98117, Clone:241670E10) (red), or 5 μ l Rabbit IgG Isotype Control RecAb (CL555-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.