

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 750 Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number: CL750-FcA98035



## Basic Information

Catalog Number:	CL750-FcA98035	GenBank Accession Number:	NM_001111316.2	Purification Method:	Protein A purification
Concentration:	100ug, 500 ug/ml	GenID (NCBI):	19264	CloneNo.:	240356D1
Source:	Rabbit	UNIPROT ID:	P06800-4	Recommended Dilutions:	FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	IgG	Full Name:	protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths:	755 nm / 780 nm
Immunogen Catalog Number:	EG0845	Calculated MW:	145 kDa		

## Applications

Tested Applications:	Positive Controls:
FC	FC : mouse splenocytes,

Species Specificity:  
mouse

## 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, pH7.3

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

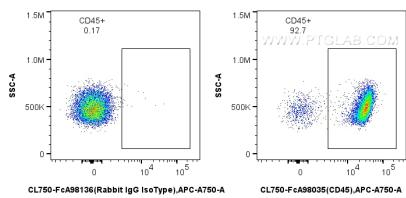
T: 4006900926

E: Proteintech-CN@ptglab.com

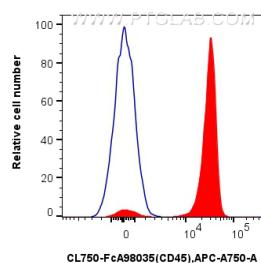
W: ptgcn.com

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## Selected Validation Data



$1 \times 10^6$  mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 750 Anti-Mouse CD45 Rabbit RecAb (CL750-FcA98035, Clone: 240356D1), or 0.25 ug Rabbit IgG Isotype Control RecAb (CL750-FcA98136, Clone: 240953C9). Cells were not fixed.



$1 \times 10^6$  mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 750 Anti-Mouse CD45 Rabbit RecAb (CL750-FcA98035, Clone: 240356D1) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (CL750-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.