

For Research Use Only

# FcZero-rAb™ Biotin Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98035



## Basic Information

Catalog Number:	Biotin-FcA98035	GenBank Accession Number:	NM_001111316.2	Purification Method:	Protein A purification
Size:	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:	-
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).

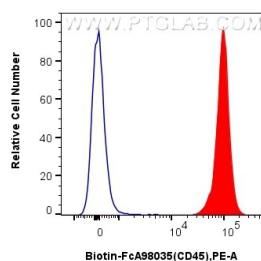
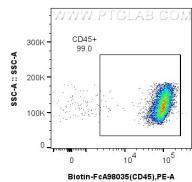
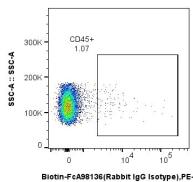
## Storage

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: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.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> mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD45 Rabbit RecAb (Biotin-FcA98035, Clone: 240356D1) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.

1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD45 Rabbit RecAb (Biotin-FcA98035, Clone: 240356D1) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.