

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 405 Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number: CL405-FcA98035



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-FcA98035	NM_001111316.2	Protein A purification
Concentration:	GenID (NCBI):	CloneNo.:
1000ug, 500 ug/ml	19264	240356D1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P06800-4	FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	protein tyrosine phosphatase, receptor type, C	399 nm / 422 nm
Immunogen Catalog Number:	Calculated MW:	
EG0845	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:

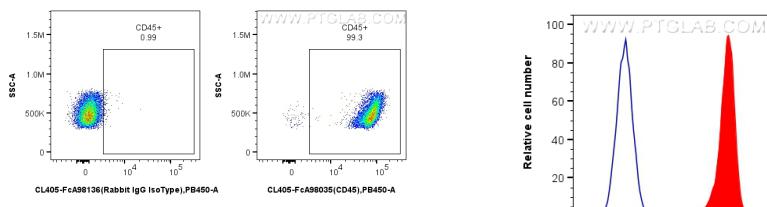
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 CoraLite® Plus 405 Anti-Mouse CD45 Rabbit RecAb (CL405-FcA98035, Clone: 240356D1) or 0.25 ug Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Mouse CD45 Rabbit RecAb (CL405-FcA98035, Clone: 240356D1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.