

For Research Use Only

# FcZero-rAb™ APC Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98117



## Basic Information

Catalog Number:

APC-FcA98117

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2486

GenBank Accession Number:

GeneID (NCBI):

5788

ENSEMBL Gene ID:

ENSG00000081237

Full Name:

protein tyrosine phosphatase, receptor type, C

Calculated MW:

147 kDa

Purification Method:

Protein A purification

CloneNo.:

241670E10

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

IF/ICC, FC

Species Specificity:

human

Positive Controls:

IF/ICC : Jurkat cells,

## 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

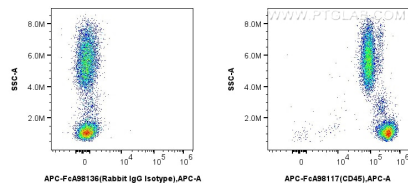
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

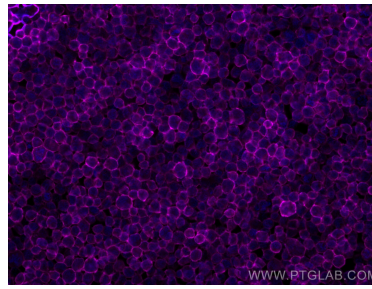
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul APC Anti-Human CD45 Rabbit Recombinant Antibody (APC-FcA98117, Clone: 241670E10), or 5 ul APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9). Cells were not fixed.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using APC CD45 antibody (APC-FcA98117, Clone: 241670E10 ) at dilution of 1:200.