

For Research Use Only

FcZero-rAb™ PE Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98117



Basic Information

Catalog Number:

PE-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:

496 nm, 565 nm / 578 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

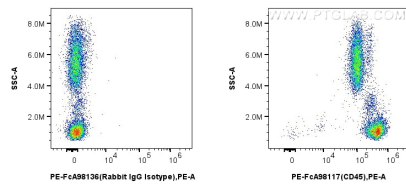
For technical support and original validation data for this product please contact:

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

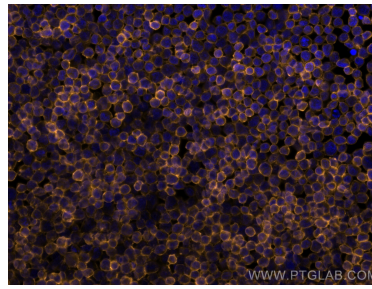
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 human peripheral blood leukocytes were surface stained with 5 μ l PE Anti-Human CD45 Rabbit Recombinant Antibody (PE-FcA98117, Clone: 241670E10), or 5 μ l PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were not fixed.



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