

For Research Use Only

FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98035



Basic Information

Catalog Number:
PCL594-FcA98035

Size:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0845

GenBank Accession Number:
NM_001111316.2

GeneID (NCBI):
19264

UNIPROT ID:
P06800-4

Full Name:
protein tyrosine phosphatase,
receptor type, C

Calculated MW:
145 kDa

Purification Method:
Protein A purification

CloneNo.:
240356D1

Recommended Dilutions:
FC: 0.1 ug per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:
496 nm, 565 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse splenocytes,

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

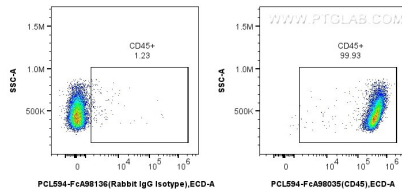
For technical support and original validation data for this product please contact:

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

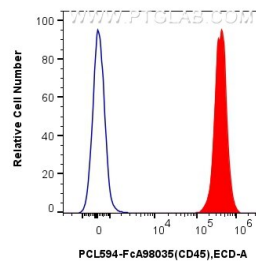
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.1 ug PE-CorLite® Plus 594 Anti-Mouse CD45 Rabbit RecAb (PCL594-FcA98035, Clone: 240356D1) or FcZero-rAb™ PE-CorLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.1 ug PE-CorLite® Plus 594 Anti-Mouse CD45 Rabbit RecAb (PCL594-FcA98035, Clone: 240356D1) (red) or FcZero-rAb™ PE-CorLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.