

For Research Use Only

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

Catalog Number:**PCL594-FcA98117**



Basic Information

| | | | |
|---------------------------|---------------------|---------------------------|--|
| Catalog Number: | PCL594-FcA98117 | GenBank Accession Number: | |
| Size: | 100tests, 5 ul/test | GeneID (NCBI): | 5788 |
| Source: | Rabbit | ENSEMBL Gene ID: | ENSG00000081237 |
| Isotype: | IgG | UNIPROT ID: | P08575 |
| Immunogen Catalog Number: | EG2486 | Full Name: | protein tyrosine phosphatase, receptor type, C |
| | | Calculated MW: | 147 kDa |

Applications

| | | |
|----------------------|-------|--------------------|
| Tested Applications: | FC | Positive Controls: |
| Species Specificity: | human | FC : human PBMCs, |

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).

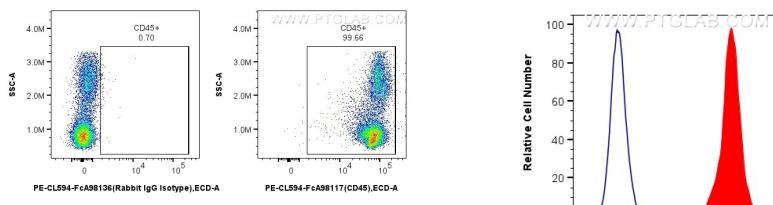
Storage

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
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Group brand and is not available to purchase from any
other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 μ l PE-CL594 Plus Anti-Human CD45 Rabbit RecAb (PCL594-FcA98117, Clone:241670E10) or FcZero-rAb™ PE-Coralite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10⁶ human PBMCs were surface stained with 5 μ l PE-CL594 Plus Anti-Human CD45 Rabbit RecAb (PCL594-FcA98117, Clone:241670E10) (red) or FcZero-rAb™ PE-Coralite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.