# FcZero-rAb™ PerCP Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number:CP-FcA98035

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Antibodies | ELISA kits | Proteins
FcZero-rAb
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## Basic Information

**Catalog Number:**
CP-FcA98035

**Concentration:**
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 10^6 cells in a 100 μl suspension

**Excitation/Emission maxima wavelengths:**
482 nm / 677 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℃. Avoid exposure to light. Stable for one year after shipment.
**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

# Selected Validation Data
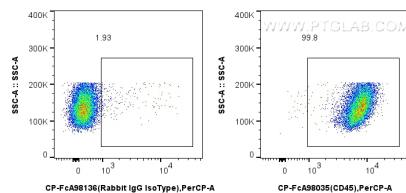


1x10^6 mouse splenocytes were surface stained with 0.1 ug PerCP Anti-Mouse CD45 Rabbit RecAb (CP-FcA98035, Clone:240356D1), or 0.1 ug Rabbit IgG Isotype Control RecAb (CP-FcA98136, Clone: 240953C9). Cells were not fixed.
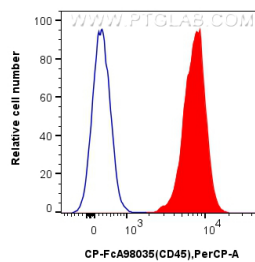


1x10^6 mouse splenocytes were surface stained with 0.1 ug PerCP Anti-Mouse CD45 Rabbit RecAb (CP-FcA98035, Clone:240356D1) (red), or 0.1 ug Rabbit IgG Isotype Control RecAb (CP-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.