

For Research Use Only

# PE Anti-Rat CD45 Rabbit Recombinant Antibody

Catalog Number: PE-98651



## Basic Information

Catalog Number:

PE-98651

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4666

GenBank Accession Number:

NM\_138507.3

GeneID (NCBI):

24699

UNIPROT ID:

P04157-1

Full Name:

protein tyrosine phosphatase, receptor type, C

Calculated MW:

143 kDa

Purification Method:

Protein A purification

CloneNo.:

252198H7

Recommended Dilutions:

FC: 0.1 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

rat

Positive Controls:

FC : rat 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:

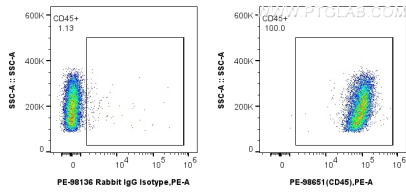
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## Selected Validation Data



1x10<sup>6</sup> rat splenocytes were surface stained with 0.1 ug PE Anti-Rat CD45 Rabbit RecAb (PE-98651, Clone: 252198H7) or 0.1 ug PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were not fixed.