

For Research Use Only

Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number: 98035-1-RR



Basic Information

Catalog Number:

98035-1-RR

Size:

100ug, 1 mg/ml

Source:

Rabbit

Isotype:

IgG

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

Applications

Tested Applications:

FC

Species Specificity:

mouse

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

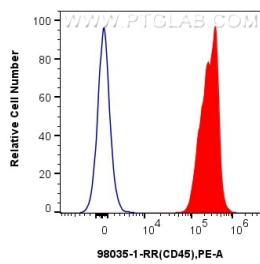
For technical support and original validation data for this product please contact:

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

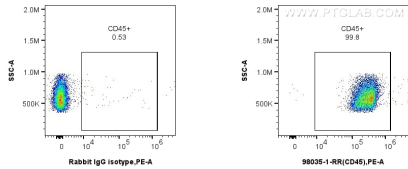
E: proteintech@ptglab.com
W: ptglab.com

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

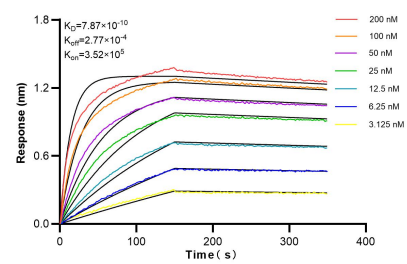
Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD45 Rabbit Recombinant Antibody (98035-1-RR, Clone: 240356D1) (red) or 0.25 ug Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD45 Rabbit Recombinant Antibody (98035-1-RR, Clone: 240356D1) or 0.25 ug Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98035-1 against Mouse CD45 were performed. The affinity constant is 0.787 nM.