

For Research Use Only

Anti-Rat CD90 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98162-1-PBS



Basic Information

Catalog Number:

98162-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_012673.2

GeneID (NCBI):

24832

UNIPROT ID:

P01830

Full Name:

Thy-1 cell surface antigen

Calculated MW:

18 kDa

Purification Method:

Protein A purification

CloneNo.:

241388F3

Applications

Tested Applications:

FC

Species Specificity:

rat

Background Information

CD90 (Thy-1) is a 25 kDa, GPI-linked membrane glycoprotein that belongs to immunoglobulin superfamily (PMID: 6177036; 6153212). Originally described as a brain thymus cross-reactive antigen, it is found in large quantities on mouse and rat thymocytes and central nervous system cells (PMID: 83175). CD90 has been postulated to be involved in cellular recognition, adherence, and T cell activation (PMID: 7683034).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

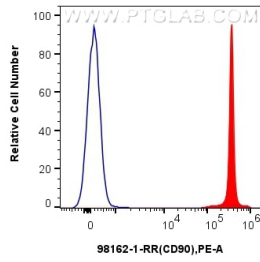
For technical support and original validation data for this product please contact:

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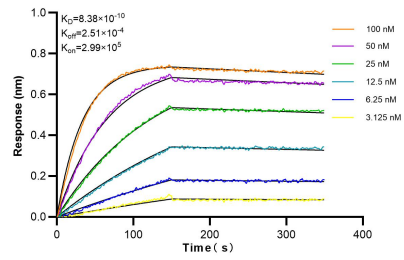
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 rat thymocytes were surface stained with 0.25 μg Anti-Rat CD90 Rabbit Recombinant Antibody (98162-1-RR, Clone:241388F3) (red) or 0.25 μg Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98162-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98162-1-RR against Rat CD90 were performed. The affinity constant is 0.836 nM.