

For Research Use Only

# Anti-Human CD90 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98126-1-PBS



## Basic Information

Catalog Number:

98126-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065559

GeneID (NCBI):

7070

UNIPROT ID:

P04216

Full Name:

Thy-1 cell surface antigen

Calculated MW:

161 aa, 18 kDa

Purification Method:

Protein A purification

CloneNo.:

241290B2

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

CD90, also known as THY1, is a 25-35 kD protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

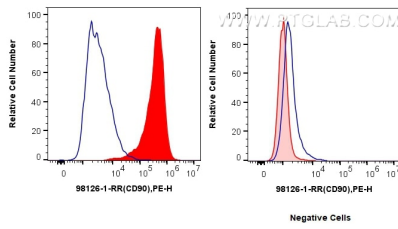
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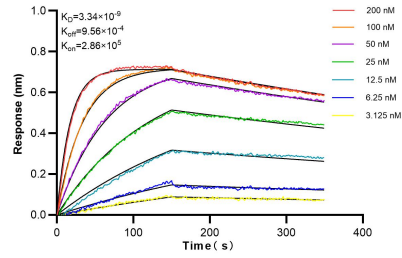
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## Selected Validation Data



1x10<sup>6</sup> Hel 92.1.7 cells (left) or K562 cells (right) were surface stained with 0.25 ug Anti-Human CD90 Rabbit Recombinant Antibody (98126-1-RR, Clone: 241290B2) (red) or 0.25 ug Isotype Control (blue), and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98126-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98126-1-RR against Human CD90 were performed. The affinity constant is 3.34 nM.