

For Research Use Only

# FITC Plus Anti-Human CD90 Rabbit Recombinant Antibody

Catalog Number: FITC-98126



## Basic Information

Catalog Number:

FITC-98126

Concentration:

100 tests, 5 µl/test

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

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Hel 92.1.7 cells,

## 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

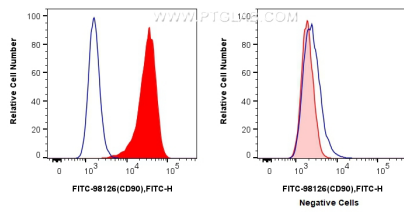
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W: [ptgcn.com](http://ptgcn.com)

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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 5  $\mu$ l FITC Plus Anti-Human CD90 Rabbit RecAb (FITC-98126, Clone: 241290B2) (red), or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.