

For Research Use Only

# CoraLite® Plus 647 Anti-Rat CD90 Rabbit Recombinant Antibody

Catalog Number: CL647-98162



## Basic Information

Catalog Number:

CL647-98162

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1463

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

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## 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 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:

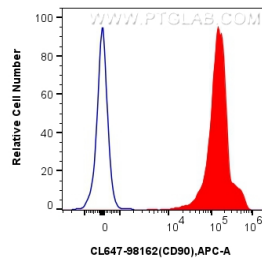
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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

## Selected Validation Data



1x10<sup>6</sup> rat thymocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Rat CD90 Rabbit RecAb (CL647-98162, Clone:241388F3) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). Cells were not fixed.