

For Research Use Only

# CoraLite® Plus 488-conjugated CD90/Thy1 Recombinant antibody

Catalog Number:CL488-84206-3



## Basic Information

Catalog Number:

CL488-84206-3

Concentration:

1000 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

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

241388E2

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

rat

Positive Controls:

IF/ICC : PC-12 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

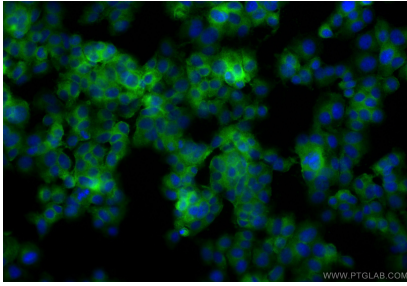
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed PC-12 cells using CoraLite® Plus 488 CD90/Thy1 antibody (CL488-84206-3, Clone: 241388E2 ) at dilution of 1:200.