

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-Human CD90 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98126



## Basic Information

<b>Catalog Number:</b> CL488-FcA98126	<b>GenBank Accession Number:</b> BC065559	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100tests , 5 ul/test	<b>GeneID (NCBI):</b> 7070	<b>CloneNo.:</b> 241290B2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04216	<b>Recommended Dilutions:</b> FC: 5 ul per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> Thy-1 cell surface antigen	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
	<b>Calculated MW:</b> 161 aa, 18 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : HEL92.1.7,
<b>Species Specificity:</b> 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.

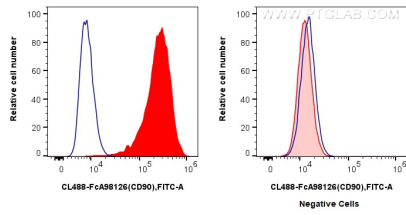
## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



1x10<sup>6</sup> HEL92.1.7 cells (left) or K562 cells (right) were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD90 Rabbit RecAb (CL488-FcA98126, Clone: 241290B2) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.