

For Research Use Only

# CD90 Polyclonal antibody

Catalog Number: 17641-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17641-1-AP	<b>GenBank Accession Number:</b> BC065559	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> N/A	<b>GeneID (NCBI):</b> 7070	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04216	
<b>Isotype:</b> IgG	<b>Full Name:</b> Thy-1 cell surface antigen	
<b>Immunogen Catalog Number:</b> AG11792	<b>Calculated MW:</b> 161 aa, 18 kDa	

## Applications

**Tested Applications:**  
IHC, IP, ELISA

**Cited Applications:**  
IF

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
rat

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sihao Li	36698266	ACS Appl Mater Interfaces	IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

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)

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

---

## Selected Validation Data