

For Research Use Only

# CD90 / Thy1 Polyclonal antibody

Catalog Number: 27770-1-AP



## Basic Information

<b>Catalog Number:</b> 27770-1-AP	<b>GenBank Accession Number:</b> BC065559	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7070	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> Thy-1 cell surface antigen	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 161 aa, 18 kDa	
<b>Immunogen Catalog Number:</b> AG24713	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, mouse brain tissue, rat brain tissue, pig brain tissue
<b>Species Specificity:</b> Human, mouse, 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.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

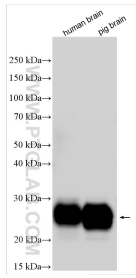
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27770-1-AP (CD90 / Thy1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.