

Datasheet for ABIN7266228  
**anti-CD90 antibody (AA 31-81)**



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2 Images

## Overview

Quantity:	100 µL
Target:	CD90 (THY1)
Binding Specificity:	AA 31-81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD90 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	CD90/Thy1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 31-81 of human CD90/Thy1 (NP_006279.2).
Sequence:	DQSLRLDCRH ENTSSSPIQY EFSLTRETKK HVLFGTVGVP EHTYRSRTNF T
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

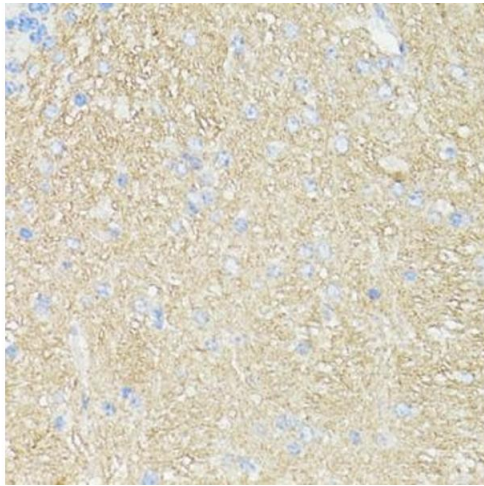
Target:	CD90 (THY1)
Alternative Name:	THY1 ( <a href="#">THY1 Products</a> )
Background:	<p>This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants.,THY1,CD90,CDw90,Immunology &amp; Inflammation,CD markers,Neuroscience,Cell Type Marker,Stem Cells,Hematopoietic Progenitors,Cardiovascular,Angiogenesis,Neuron marker,Synapse marker,THY1</p>
Molecular Weight:	17kDa
Gene ID:	7070
UniProt:	<a href="#">P04216</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

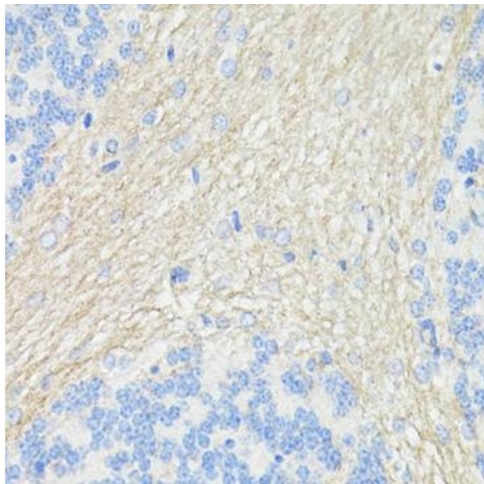
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse brain using CD90/Thy1 antibody (ABIN7266228) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded rat brain using CD90/Thy1 antibody (ABIN7266228) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.