

For Research Use Only

# Mouse CD90 Recombinant antibody, PBS Only

Catalog Number: 85677-1-PBS



## Basic Information

Catalog Number:

85677-1-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1380

GenBank Accession Number:

NM\_009382.3

GeneID (NCBI):

21838

UNIPROT ID:

P01831

Full Name:

thymus cell antigen 1, theta

Calculated MW:

18kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

242910H7

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

## Background Information

CD90 (Thy-1) is a 25 kDa, GPI-linked membrane glycoprotein that belongs to the immunoglobulin superfamily (PMID: 6177036; 6153212). Originally described as a brain thymus cross-reactive antigen, it is found in large quantities on mouse and rat thymocytes and central nervous system cells (PMID: 83175). CD90 has been postulated to be involved in cellular recognition, adherence, and T-cell activation (PMID: 7683034).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

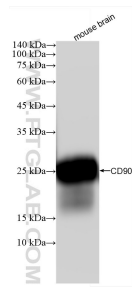
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85677-1-RR (CD90 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85677-1-PBS in a different storage buffer formulation.