

For Research Use Only

CD90 Recombinant antibody

Catalog Number: 85677-1-RR



Basic Information

Catalog Number:

85677-1-RR

GenBank Accession Number:

NM_009382.3

Purification Method:

Protein A purification

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

GeneID (NCBI):

21838

CloneNo.:

242910H7

Source:

Rabbit

UNIPROT ID:

P01831

Recommended Dilutions:

WB: 1:1000-1:4000

Isotype:

IgG

Full Name:

thymus cell antigen 1, theta

Calculated MW:

18kDa

Immunogen Catalog Number:

EG1380

Observed MW:

25 kDa

Applications

Tested Applications:

WB, ELISA

Positive Controls:

WB : mouse brain tissue, EL-4 cells, rat brain tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

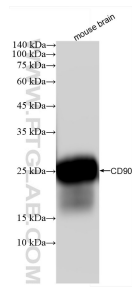
For technical support and original validation data for this product please contact:

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

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.