

For Research Use Only

CD90 Polyclonal antibody

Catalog Number: 27770-1-AP

1 Publications



Basic Information

Catalog Number:

27770-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24713

GenBank Accession Number:

BC065559

GeneID (NCBI):

7070

UNIPROT ID:

P04216

Full Name:

Thy-1 cell surface antigen

Calculated MW:

161 aa, 18 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat, pig

Cited Species:

human

Positive Controls:

WB : human brain tissue, mouse brain tissue, rat brain tissue, pig brain tissue

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
Xingyu Xu	39624402	J Inflamm Res	WB

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

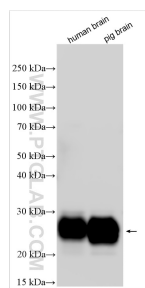
For technical support and original validation data for this product please contact:

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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 27770-1-AP (CD90 / Thy1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.