

For Research Use Only

CD90 / Thy1 Polyclonal antibody

Catalog Number: 27770-1-AP



Basic Information

Catalog Number: 27770-1-AP	GenBank Accession Number: BC065559	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 7070	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P04216	
Isotype: IgG	Full Name: Thy-1 cell surface antigen	
Immunogen Catalog Number: AG24713	Calculated MW: 161 aa, 18 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human brain tissue, mouse brain tissue, rat brain tissue, pig brain tissue
Species Specificity: Human, mouse, rat, pig	

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

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

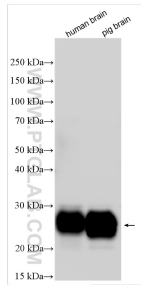
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.