

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;	GenelD (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		
Immunogen Catalog Number:	EG1380	Calculated MW:	18kDa		
		Observed MW:	25 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	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

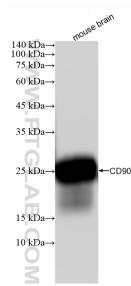
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.