

For Research Use Only

CD90 Polyclonal antibody

Catalog Number: 17641-1-AP **4 Publications**



Basic Information

Catalog Number:	17641-1-AP	GenBank Accession Number:	BC065559	Purification Method:	Antigen affinity purification
Size:	N/A	GeneID (NCBI):	7070		
Source:	Rabbit	UNIPROT ID:	P04216		
Isotype:	IgG	Full Name:	Thy-1 cell surface antigen		
Immunogen Catalog Number:	AG11792	Calculated MW:	161 aa, 18 kDa		

Applications

Tested Applications:
IP, IHC, ELISA

Cited Applications:
IHC, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, rat

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
E Mormone	39633422	J Transl Med	IHC
Liwei Fu	39253616	Bioact Mater	IF
Hongrui Chen	39104411	iScience	IF

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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