Datasheet for ABIN7320272

CD90 Protein (THY1) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	CD90 (THY1)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD90 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD90/THY-1 Protein (His Tag)
Sequence:	Met 1-Cys 131
Characteristics:	A DNA sequence encoding the extracellular domain of mouse THY1 (NP_033408.1) without the propeptide (Met 1-Cys 131) was expressed, with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CD90 (THY1)
Alternative Name:	CD90/THY-1 (THY1 Products)
Background:	Background: Thy-1 membrane glycoprotein, also known as Thy-1 antigen, CD90 and THY1, is a cell membrane protein which contains 1 Ig-like V-type (immunoglobulin-like) domain. It is a glycophosphatidylinositol-linked glycoprotein expressed on the surface of neurons, thymocytes,

Target Details

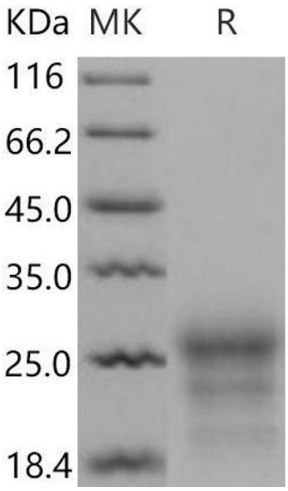
	subsets of fibroblasts, endothelial cells, mesangial cells and some hematopoietic cells. It has been identified on a variety of stem cells and at varying levels in non-lymphoid tissues such as on fibroblasts, brain cells, and activated endothelial cells. Thy-1 is evolutionarily conserved, developmentally regulated, and often has dramatic effects on cell phenotype. Thy-1 is a 25-37 kDa glycosylphosphatidylinositol (GPI)-anchored protein involved in T cell activation, neurite outgrowth, apoptosis, tumor suppression, wound healing, and fibrosis. To mediate these diverse effects, Thy-1 participates in multiple signaling cascades. Thy-1 is an important regulator of cell-cell and cell-matrix interactions, with important roles in nerve regeneration, metastasis, inflammation, and fibrosis. Synonym: CD90,T25,Thy-1,Thy-1.2,Thy1.1,Thy1.2
Molecular Weight:	14.2 kDa
NCBI Accession:	NP_033408
Pathways:	Cell-Cell Junction Organization

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.