

For Research Use Only

CD90 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84180-1-PBS



Basic Information

| | | |
|---------------------------------------|---|---|
| Catalog Number: 84180-1-PBS | GenBank Accession Number: BC065559 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 7070 | CloneNo.: 241290B1 |
| Source: Rabbit | UNIPROT ID: P04216 | |
| Isotype: IgG | Full Name: Thy-1 cell surface antigen | |
| | Calculated MW: 161 aa, 18 kDa | |
| | Observed MW: 25-35 kDa | |

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

CD90, also known as THY1, is a 25-35 kDa 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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

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

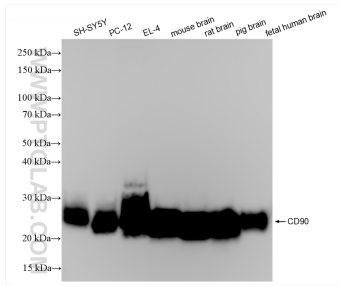
T: 4006900926

E: Proteintech-CN@ptglab.com

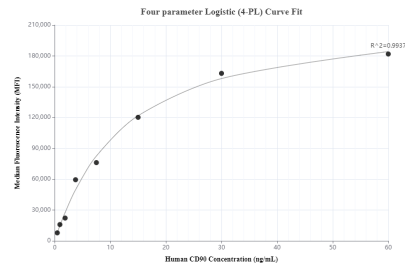
W: ptgcn.com

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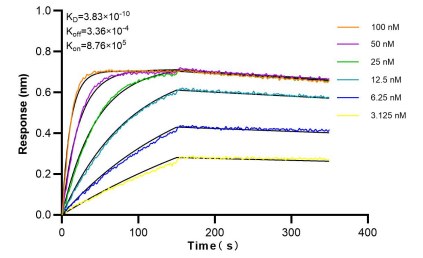
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84180-1-RR (CD90 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84180-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01072-1, CD90 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84180-1-PBS. Detection antibody: 84180-2-PBS. Standard: RPO2312. Range: 0.469-60 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 84180-1-RR against Human CD90 were performed. The affinity constant is 0.383 nM.