



Mouse Anti-CD90/Thy-1 antibody

SLM-43534M

Product Name CD90/Thy-1**Chinese Name** CD90 单克隆抗体**Alias** CD90 / Thy1; CD7; CD90 antigen; CDw90; FLJ33325; MGC128895; T25; Theta antigen; Thy-1; Thy 1; Thy 1 cell surface antigen; Thy-1 membrane glycoprotein; Thy 1 membrane glycoprotein precursor; Thy 1.2; Thy-1 T-cell antigen; Thy1 antigen; Thy1 T cell antigen; Thy1.1; Thy1.2; Thymus cell antigen 1, theta; THY1_RAT; THY1_HUMAN.**Research Area** Cell biology immunology Neurobiology**Immunogen Species** Mouse**Clonality** Monoclonal**React Species** Human**Applications** WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1ug/Test
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 12kDa**Cellular localization** The cell membrane**Form** Liquid**Concentration** 1mg/ml**immunogen** Recombinant Human Thy-1 protein, C-His (HEK293): 20-141/161**Lsotype** IgG**Purification** affinity purified by Protein A**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**PubMed** [PubMed](#)**Product** This gene encodes a cell surface glycoprotein and member of the immunoglobulin

Detail

superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

SWISS:
P01830

Gene ID:
24832

Database links:

[Entrez Gene: 7070](#) Human

[Entrez Gene: 21838](#) Mouse

[Entrez Gene: 24832](#) Rat

[Omim: 188230](#) Human

[SwissProt: P04216](#) Human

[SwissProt: P01831](#) Mouse

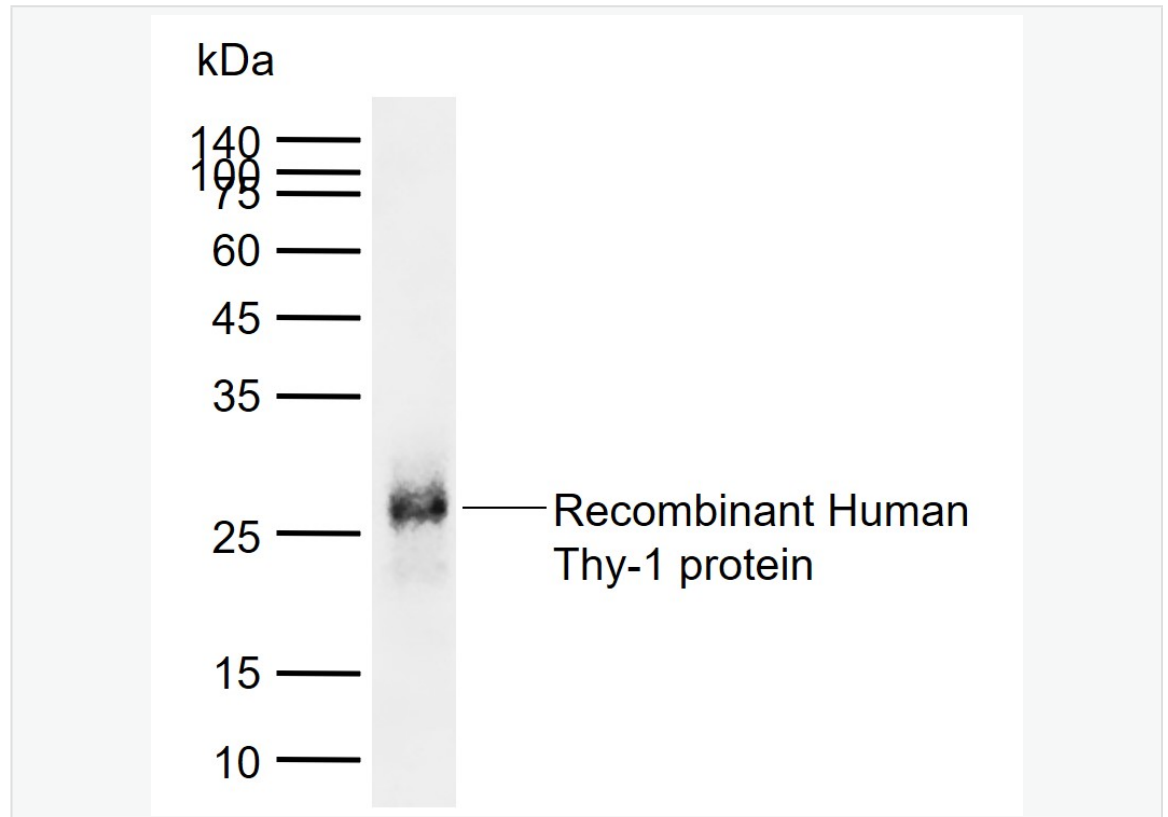
[SwissProt: P01830](#) Rat

[Unigene: 644697](#) Human

[Unigene: 3951](#) Mouse

[Unigene: 108198](#) Rat

**Product
Picture**



Sample:

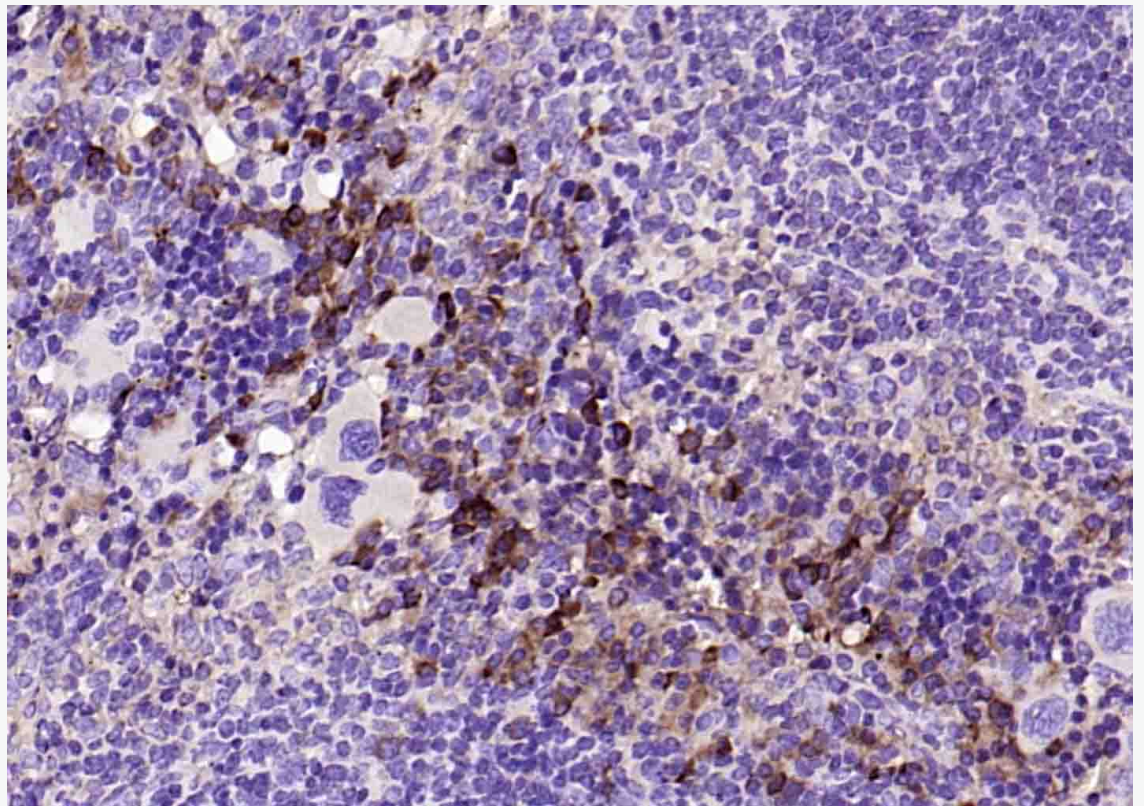
Lane 1: Recombinant Human Thy-1 protein, C-His (HEK293)

Primary: Anti-CD90/Thy-1 (SLM-43534M) at 1/1000 dilution

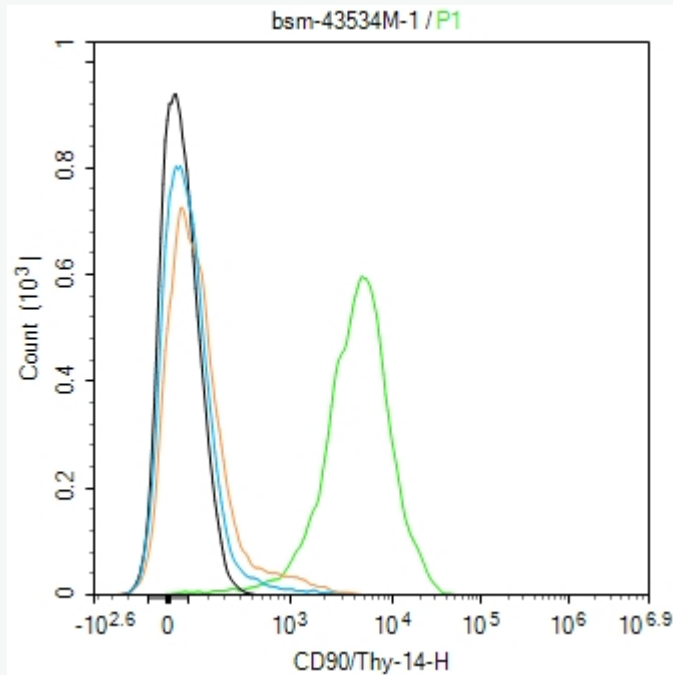
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 12 kDa

Observed band size: 26 kDa



Paraformaldehyde-fixed, paraffin embedded (rat spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD90) Monoclonal Antibody, Unconjugated (SLM-43534M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Blank control:Jurkat.

Primary Antibody (green line): Mouse Anti-CD90/Thy-14 antibody (SLM-43534M)

Dilution: 1ug/Test;

Secondary Antibody (white blue line) : Goat anti-Mouse IgG-AF488

Dilution: 0.5ug/Test.

Isotype control (orange line) : Normal Mouse IgG

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.

Acquisition of 20,000 events was performed.



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