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## CD4 Rabbit pAb

Catalog Number: bs-23539R

Target Protein: CD4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse

Predicted MW: 48 kDa

Entrez Gene: 12504

Swiss Prot: P06332

Source: KLH conjugated synthetic peptide derived from mouse CD4: 31-130/457.

Purification: affinity purified by Protein A

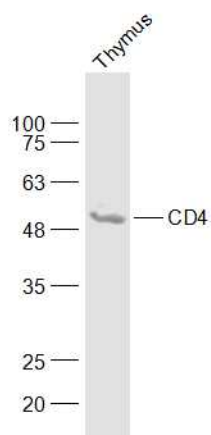
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

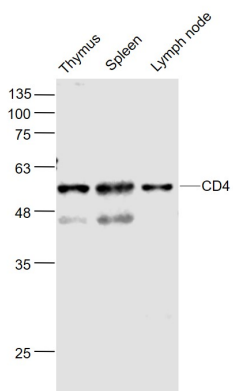
**Background:** This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Aug 2010].

## VALIDATION IMAGES

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Sample: Thymus (Mouse) Lysate at 40 ug Primary: Anti-CD4 (bs-23539R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 55 kD



Sample: Thymus (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Lymph node (Mouse) Lysate at 40 ug Primary: Anti- CD4 (bs-23539R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 55 kD