

bs-23539R**[Primary Antibody]****CD4 Rabbit pAb****Bioss**
ANTIBODIES

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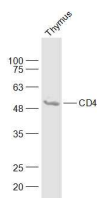
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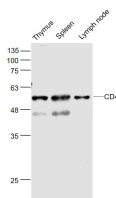
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse
GeneID: 12504	SWISS: P06332	
Target: CD4		
Immunogen: KLH conjugated synthetic peptide derived from mouse CD4: 31-130/457. < Extracellular >		Predicted MW.: 48 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
Concentration: 1mg/ml		
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 —

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