

bs-4817R**[Primary Antibody]****BioSS**
ANTIBODIES

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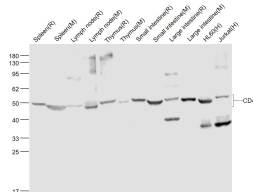
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CD4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat
GeneID: 920	SWISS: P01730	
Target: CD4		
Immunogen: KLH conjugated synthetic peptide derived from human CD4: 301-400/458. < 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: Spleen (Rat) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Lymph node (Rat) Lysate at 40 ug Lymph node (Mouse) Lysate at 40 ug Thymus (Rat) Lysate at 40 ug Thymus (Mouse) Lysate at 40 ug Small intestine (Rat) Lysate at 40 ug Small intestine (Mouse) Lysate at 40 ug Large intestine (Rat) Lysate at 40 ug Large intestine (Mouse) Lysate at 40 ug HL60 (Human) Cell Lysate at 30 ug Jurkat (Human) Cell Lysate at 30 ug
 Primary: Anti-CD4 (bs-4817R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 52 kD

— SELECTED CITATIONS —

- **[IF=4.3]** Pei Gong. et al.AHR Agonist ITE Boosted PD1 Antibody' s Effects by Inhibiting Myeloid-Derived Cells Suppressive Cells in an Orthotopic Mouse Glioma Model.Pharmaceuticals. IF ;Mouse. 10.3390/ph18040471