

bs-23579R**[Primary Antibody]****IL-4R Rabbit pAb****BioSS**
ANTIBODIES

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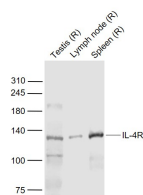
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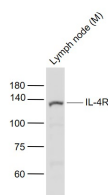
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 25084 Target: IL-4R Immunogen: KLH conjugated synthetic peptide derived from rat IL-4R: 111-210/801. < Extracellular > Purification: affinity purified by Protein A 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 the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by an alternate splice variant or by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema. Two transcript variants encoding different isoforms, a membrane-bound and a soluble form, have been found for this gene. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: Q63257 Applications: WB (1:500-2000) Reactivity: Mouse, Rat Predicted MW.: 88 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Testis (Rat) Lysate at 40 ug Lane 2: Lymph node (Rat) Lysate at 40 ug Lane 3: Spleen (Rat) Lysate at 40 ug Primary: Anti- IL-4R (bs-23579R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 135 kD



Sample: Lane 1: Lymph node (Mouse) Lysate at 40 ug Primary: Anti- IL-4R (bs-23579R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 135 kD

— SELECTED CITATIONS —

- **[IF=4.2]** Hyein Jo. et al. Rocaglamide Suppresses Allergic Reactions by Regulating IL-4 Receptor Signaling. molecules. 2025 Feb 11;30(4):840. Western blot ;. 40005151