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## IL-4R Rabbit pAb

Catalog Number: bs-22901R

Target Protein: IL-4R

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:protein)

Predicted MW: 88 kDa

Subcellular: Secreted ,Cell membrane

Locations:

Entrez Gene: 3566

Swiss Prot: P24394

Source: KLH conjugated synthetic peptide derived from human IL-4R: 71-170/825.

Purification: affinity purified by Protein A

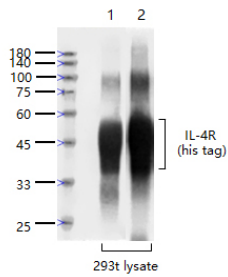
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

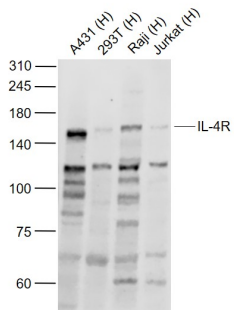
**Background:** This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded 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].

### VALIDATION IMAGES

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Sample: Lane 1: IL-4R-His protein (1-232) Overexpression 293T (Human) Cell Lysate at 4 ug Lane 2: IL-4R-His protein (1-232) Overexpression 293T (Human) Cell Lysate at 4 ug Primary: Lane 1: Anti-IL-4R (bs-22901R) at 1/1000 dilution Lane 2: Anti-His tag (bsm-33004M) at 1/1000 dilution Secondary: Lane 1: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Lane 2: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 43-48 kD Observed band size: 43-48 kD



Sample: Lane 1: A431 (Human) Cell Lysate at 30 ug Lane 2: 293T (Human) Cell Lysate at 30 ug Lane 3: Raji (Human) Cell Lysate at 30 ug Lane 4: Jurkat (Human) Cell Lysate at 30 ug Primary: Anti-IL-4R (bs-22901R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140-160 kD Observed band size: 150 kD