



## Rabbit Anti-IL12RB2 antibody

SL2604R

<b>Product Name:</b>	IL12RB2
<b>Chinese Name:</b>	白細胞介素-12受体β2抗体
<b>Alias:</b>	Interleukin-12 receptor subunit beta-2; RP11-102M16.1; IL12 receptor beta 2; IL12R beta2; Interleukin 12 receptor beta 2; Interleukin 12 receptor beta 2 chain; RP11 102M16.1.
<b>文献引用</b> <b>PubMed</b> :	<b>Specific References(1)</b>  SL2604R has been referenced in 1 publications. [IF=2.87]Filková, Mária, et al. "Pro-inflammatory effects of interleukin-35 in rheumatoid arthritis." Cytokine 73.1 (2015): 36-43. <b>IHC-P;Human.</b> <a href="#">PubMed:25697137</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	95kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IL-12RB2:301-400/862<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. [provided by RefSeq].</p> <p><b>Function:</b> Receptor for interleukin-12. This subunit is the signaling component coupling to the JAK2/STAT4 pathway. Promotes the proliferation of T-cells as well as NK cells. Induces the promotion of T-cells towards the Th1 phenotype by strongly enhancing IFN-gamma production.</p> <p><b>Subcellular Location:</b> Membrane; Single pass type I membrane protein.</p> <p><b>Tissue Specificity:</b> Isoform 2 is expressed at similar levels in both naive and activated T-cells.</p> <p><b>Post-translational modifications:</b> On IL12 binding, phosphorylated on C-terminal tyrosine residues by JAK2. Phosphorylation on Tyr-800 is required for STAT4 binding and activation, and for SOCS3 binding.</p> <p><b>Similarity:</b> Belongs to the type I cytokine receptor family. Type 2 subfamily. Contains 5 fibronectin type-III domains.</p> <p><b>SWISS:</b> Q99665</p> <p><b>Gene ID:</b> 3595</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 282452</a>Cow <a href="#">Entrez Gene: 489550</a>Dog <a href="#">Entrez Gene: 100722774</a>Guinea pig</p>

[Entrez Gene: 3595](#)Human

[Entrez Gene: 16162](#)Mouse

[Entrez Gene: 397178](#)Pig

[Entrez Gene: 100350416](#)Rabbit

[Entrez Gene: 171334](#)Rat

[Entrez Gene: 100820736](#)Sheep

[Olim: 601642](#)Human

[SwissProt: Q99665](#)Human

[SwissProt: P97378](#)Mouse

[Unigene: 479347](#)Human

[Unigene: 188337](#)Mouse

[Unigene: 207395](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.