



## Rabbit Anti-IL-23 antibody

SL1193R

<b>Product Name:</b>	IL-23
<b>Chinese Name:</b>	白介素-23抗体
<b>Alias:</b>	IL 23; IL 23A; IL23P19; Interleukin 23 alpha subunit p19; JKA3 induced upon T cell activation; P19; SGRF; IL-23 subunit alpha; IL-23-A; IL-23p19; IL23; Il23a; IL23A_HUMAN; Interleukin 23 p19 subunit; Interleukin-23 subunit alpha; Interleukin-23 subunit p19; JKA3 induced upon T cell activation; MGC79388; P19.
<b>文献引用</b> PubMed :	<p><b>Specific References(3)</b> SL1193R has been referenced in 3 publications.</p> <p><b>[IF=1.37]</b>Yang, Xiao, et al. "Effect of Iodine Excess on Th1, Th2, Th17, and Treg Cell Subpopulations in the Thyroid of NOD. H-2h4 Mice." Biological Trace Element Research (2014): 1-9.<b>IHC-P;Mouse.</b>  <a href="#">PubMed:24740393</a></p> <p><b>[IF=2.38]</b>Sun, Jiabing, et al. "A Crucial Role of IL-17 in Bone Resorption During Rejection of Fresh Bone Xenotransplantation in Rats." Cell Biochemistry and Biophysics: 1-7.<b>IHC-P;Rat.</b>  <a href="#">PubMed:25331672</a></p> <p><b>[IF=3.33]</b>Wang, Mingfei, et al. "Damage effect of Interleukin (IL)-23 on oxygen-glucose deprived cells of the neurovascular unit via IL-23 receptor." Neuroscience (2015).<b>IHC-P;Mouse.</b>  <a href="#">PubMed:25600958</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-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>	21kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IL-23:101-196/196
<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>IL23 is a heterodimeric cytokine consisting in two subunits : p40, shared with IL12 and a distinct one p19 (the IL23 subunit). Although IL12 activates naive T cells, the initial description of IL23 was the preferential action on memory T cells to increase IFN<math>\gamma</math> production. In conjunction with IL6 and TGF-beta1, IL23 is necessary to maintain the Th1 lineage. IL23 plays an important role in the inflammatory response against infection, and is implicated in the development of cancerous tumors and auto immune diseases. Over expression of p19 correlates with inflammation in multiple organs and epithelial tissues including skin.</p> <p><b>Function:</b> Associates with IL12B to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.</p> <p><b>Subcellular Location:</b> Secreted. Secreted upon association with IL12B.</p> <p><b>Tissue Specificity:</b> Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).</p> <p><b>Similarity:</b> Belongs to the IL-6 superfamily.</p> <p><b>SWISS:</b> Q9NPF7</p>

**Gene ID:**  
51561

**Database links:**

[Entrez Gene: 51561](#) Human

[Entrez Gene: 83430](#) Mouse

[Omim: 605580](#) Human

[SwissProt: Q9NPF7](#) Human

[SwissProt: Q9EQ14](#) Mouse

[Unigene: 382212](#) Human

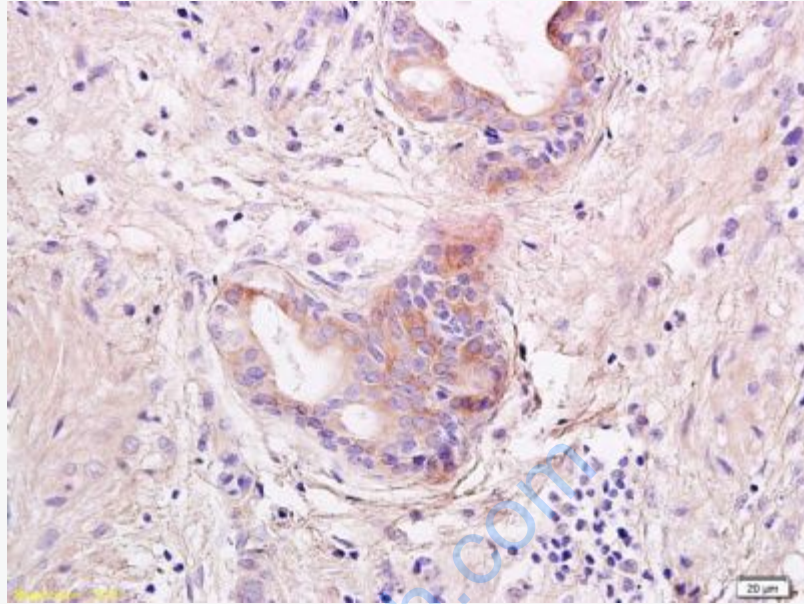
[Unigene: 98309](#) Human

[Unigene: 125482](#) Mouse

**Important Note:**

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

IL23(Interleukin-23)作为一种前炎症cell factor, 具有影响机体免疫反应和抗感染作用,白介素23能连接Tumour关联的炎症和Tumour免疫监督缺乏关系的cell factor。存在于很多人类Tumour中, 能通过促进血管形成来帮助Tumour生长。



**Picture:**

Tissue/cell: human rhinopolypus tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IL-23 Polyclonal Antibody, Unconjugated(SL1193R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining