

## 白介素 1 受体 2 抗体

产品货号： mlR21399

英文名称： IL-1R2

中文名称： 白介素 1 受体 2 抗体

别名： IL1 Receptor II; IL-1R II; IL1 Receptor 2; interleukin-1 receptor type 2 precursor; IL1R2; CD121b; IL1RB; CD121; CD121 antigen-like family member B; CD121b; CD121B Antigen; CDW121B; IL-1R-2; IL-1R-beta; IL-1R2; IL-1RT-2; IL-1RT2; IL1R Beta; Il1r-2; IL1R2; IL1RB; Interleukin 1 receptor, beta, type II; Interleukin 1 receptor, type II; Interleukin-1 receptor beta; Interleukin-1 receptor type 2; MGC137383; MGC47725; p68; IL1 Receptor II; IL1R2\_HUMAN.

研究领域： 免疫学 干细胞 淋巴细胞 b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse,

产品应用： WB=1:500-2000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 44kDa

细胞定位 : 细胞膜 细胞外基质 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human IL-1R2 :251-351/398 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : 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.

PubMed : PubMed

**产品介绍：** The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4(IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq].

**Function:**

Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.

**Subcellular Location:**

Isoform Short: Secreted.

Isoform Long: Cell membrane; Single-pass type I membrane protein.

**Post-translational modifications:**

A soluble form (sIL1R2) can also be produced by proteolytic cleavage at the cell surface (shedding) involving a metalloproteinase; however, several sIL1R2 forms ranging from 45 and 60 kDa are reported.

**Similarity:**

Belongs to the interleukin-1 receptor family.

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

**SWISS:**

P27930

**Gene ID:**

7850

**Important Note:**

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

IL-1R II 属于新的信号受体家族 Toll 信号转导通路蛋白，IL-1R II 在免疫和炎症反应的研究中占重要地位，是在很多感染、炎症性致病机制中起决定性作用的细胞因子，几乎可作用于全身各种细胞，IL-1 与 IL-1R II 的结合可导致大量与免疫反应和炎症相关基因的表达，包括细胞因子、细胞因子受体、急性期反应物、生长因子、胞外基质、粘附分子等。IL-1R II /NF- $\kappa$ B 信号通路是机体免疫反应中十分重要的组成部分。

**产品图片**

