

磷酸化白介素 1 受体 1 抗体

产品货号 : mlR5394

英文名称 : phospho-IL-1R1 (Tyr496)

中文名称 : 磷酸化白介素 1 受体 1 抗体

别名 : IL1 Receptor I (phospho Tyr496); Antigen CD121a; CD121 antigen-like family member A; CD121A; CD121a antigen; D2S1473; IL 1; IL 1R 1; IL 1R alpha; IL 1RT1; IL-1R-1; IL-1R-alpha; IL-1RT-1; IL-1RT1; IL1 inhibitor; IL1R; IL1R1; IL1R1_HUMAN; IL1RA; IL1RN; IL1RT1; Interleukin 1 receptor alpha type 1; Interleukin 1 receptor antagonist protein (IRAP); Interleukin 1 receptor type I; Interleukin receptor 1; Interleukin-1 receptor alpha; Interleukin-1 receptor type 1; Interleukin-1 receptor type I; P80; IL1 Receptor I; IL-1 Receptor I; Interleukin-1 receptor type 1, soluble form; IL-1 sRI.

产品类型 : 磷酸化抗体

研究领域 : 心血管 免疫学 干细胞 淋巴细胞 t-淋巴细胞 细胞因子

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Pig, Horse,

产品应用 : WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1 μ g/Test
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 : 63kDa

细胞定位 : 细胞膜 分泌型蛋白

性状 : Lyophilized or Liquid

浓度 : 1mg/ml

免疫原 : KLH conjugated Synthesised phosphopeptide derived from human IL-1R1 around the phosphorylation site of Tyr496:QD(p-Y)EK

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 background:

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein is a receptor for interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA). It is an important mediator involved in many cytokine induced immune and inflammatory responses. This gene along with interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 2 (IL1RL2), and interleukin 1 receptor-like 1 (IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12.

Function:

Receptor for IL1A, IL1B and IL1RN. After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex.

Subunit:

The interleukin-1 receptor complex is a heterodimer of IL1R1 and IL1RAP.

Subcellular Location:

Membrane; Single-pass type I membrane protein. Cell membrane (Probable). Secreted.

Post-translational modifications:

A soluble form (sIL1R1) is probably produced by proteolytic cleavage at the cell surface (shedding).

Similarity:

Belongs to the interleukin-1 receptor family.

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

Contains 1 TIR domain.

SWISS:

P14778

Gene ID:

3554

Important Note:

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

IL-1R I 属于新的信号受体家族 Toll 信号转导通路蛋白，IL-1R I 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-1R1 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-1R1/NF- κ B 信号通路是机体免疫反应中十分重要的组成部分。白介素 1 受体 I 型 Interleukin 1 receptor I(IL-1RI)

产品图片

