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IL-1R alpha /CD121 alpha Rabbit mAb

货号: **AYB1001**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP ELISA
推荐浓度	WB 1:1000-1:3000; IF 1:100-1:800; ELISA 1:5000-1:20000:
理论分子量	65kD-80kD
实测分子量	65kD(Calculated).
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	
阳性对照	
细胞定位	Membrane>Single-pass type I membrane protein. Cell membrane. Secreted.
纯化	

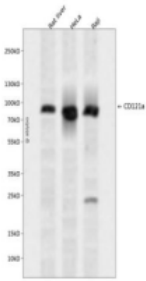
抗原信息

抗原信息	WB 1:1000-1:3000; IF 1:100-1:800; ELISA 1:5000-1:20000
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靶点信息

研究背景	IL-1R1 (IL-1 receptor type 1, also known as p80, IL-1R-alpha or CD121a) is a 80 kDa transmembrane glycoprotein and a member of the interleukin-1 receptor family (PMID: 35163653; 29248002). It is a receptor for IL-1 α , IL-1 β , and interleukin-1 receptor antagonist (IL-1Ra). IL-1 α and IL-1 β interact with the extracellular domain of IL-1R1, triggering the recruitment of an accessory receptor, the IL-1RACp, resulting in a functional receptor complex that initiates IL-1R1 signaling cascades (PMID: 35163653). IL-1Ra competes with active IL-1 and blocks binding to their common activating receptor IL-1R1 and, thus, inhibits IL-1 signaling (PMID: 35332327; 11641511). It has been reported that IL-1R1 may also bind IL-38 (PMID: 29248002). IL-1R1 expression has been found in many cell types including T cells, macrophages, neutrophils, eosinophils, basophils, mast cells, fibroblasts, and endothelial cells. IL-1R1 can be released from the cell surface following proteolytic cleavage, generating a soluble form of 55-60 kDa (PMID: 17324958).
基因ID	3554;
基因名	IL1R1
Swiss	14778;
别名	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; 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

产品验证



Western blot analysis of CD121a expressed in Rat liver, HeLa, Raji using CD121a Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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