

IL-1R1 Recombinant antibody

Cat:B36163S

Company: HaoKebio

Uniprot ID:P13504-1

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Mouse

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 67 kDa

WB:1:1000-1:4000

Observed Molecular Weight: 75-100 kDa

Background:

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. 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. IL-1Ra competes with active IL-1 and blocks binding to their common activating receptor IL-1R1 and, thus, inhibits IL-1 signaling. It has been reported that IL-1R1 may also bind IL-38. 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.

Synonyms:

IL-1R-1, Il1r1, EC:3.2.2.6, CD121a, CD121 antigen-like family member A

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

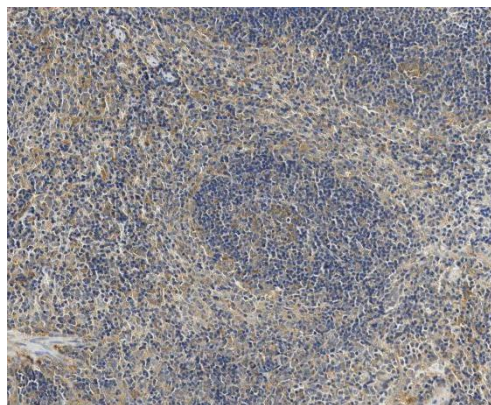
Storage:

Store at -20 °C for one year.

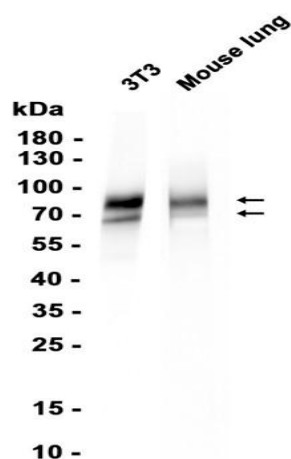
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse spleen, 4% PFA 12-24h



Dilution of 1:4000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:IL-1R1(B36163S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:IL-1R1(B36163S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.