

产品名称: CD121B Mouse Monoclonal Antibody  
产品货号: AMM82618



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | CD121B Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody        |
| 宿主 (Host)              | Mouse                            |
| 应用 (Application)       | ICC,ELISA,FC                     |
| 种属反应性 (Reactivity)     | Human                            |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | Mouse IgG1                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Purified antibody in PBS with 0.05% sodium azide                                         |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | CD121B                                                                                                            |
| 别名 (Alternative Names) | IL1R2;IL1RB; IL1R2c; CDw121b; IL-1R-2; IL-1RT2; IL-1RT-2                                                          |
| 基因 ID (Gene ID)        | 7850.0                                                                                                            |
| 蛋白 ID (SwissProt ID)   | P27930.Purified recombinant fragment of human CD121B (AA: extra 14-343) expressed in HEK293-6e cells supernatant. |

## 产品应用 (Application)

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 45.4kDa                                            |

## 研究背景 (Background)

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds

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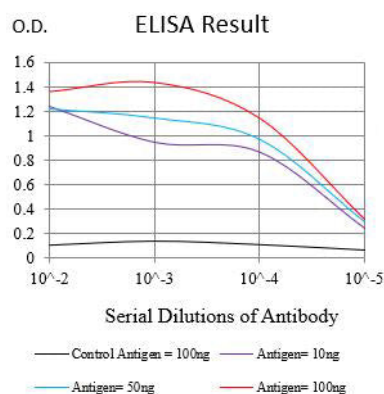


interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage.

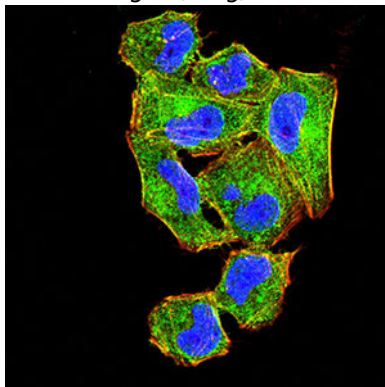
## 研究领域 (Research Area)

MAPK signaling pathway

## 图片 (Image Data)

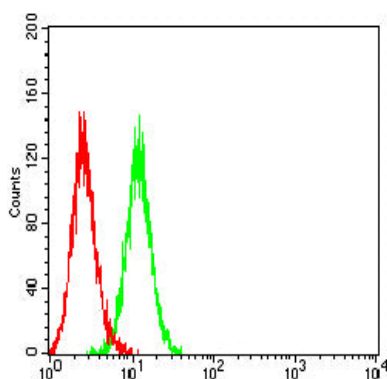


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using CD121B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

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Flow cytometric analysis of THP-1 cells using CD121B mouse mAb (green) and negative control (red).

#### 注意事项 (Note)

For research use only .