

**产品名称: CD131 Mouse Monoclonal Antibody**  
**产品货号: AMM82366**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | CD131 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | WB,ELISA,FC                     |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat               |

## 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)        | CD131                                                                                        |
| 别名 (Alternative Names) | CSF2RB; IL3RB; IL5RB; SMDP5; CDw131; betaGMR                                                 |
| 基因 ID (Gene ID)        | 1439.0                                                                                       |
| 蛋白 ID (SwissProt ID)   | P32927.Purified recombinant fragment of human CD131 (AA: extra 17-149) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 97.3kDa                                             |

## 研究背景 (Background)

The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in

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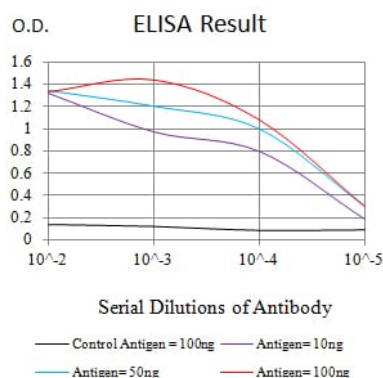


this gene have been reported to be associated with protein alveolar proteinosis (PAP).

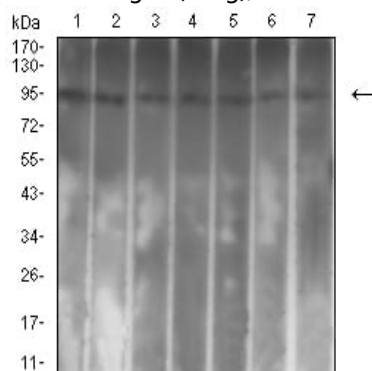
## 研究领域 (Research Area)

TGF-beta signaling pathway

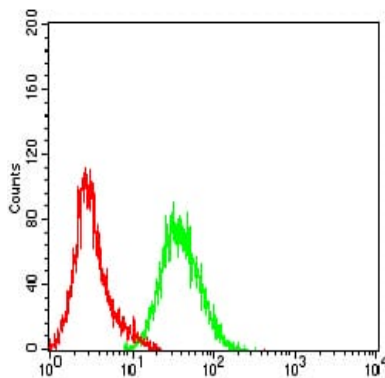
## 图片 (Image Data)



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



Western blot analysis using CD131 mouse mAb against NIH/3T3 (1), Hela (2), C6 (3), HL-60 (4), Jurkat (5), MCF-7 (6), and PC-12 (7) cell lysate.



Flow cytometric analysis of Hela cells using CD131 mouse mAb (green) and negative control (red).

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**注意事项 (Note)**

For research use only .