

**产品名称: MAGEA4 Mouse Monoclonal Antibody**  
**产品货号: AMM82782**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | MAGEA4 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody        |
| 宿主 (Host)              | Mouse                            |
| 应用 (Application)       | WB,IHC,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)        | MAGEA4                                                                                  |
| 别名 (Alternative Names) | CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2                                          |
| 基因 ID (Gene ID)        | 4103.0                                                                                  |
| 蛋白 ID (SwissProt ID)   | P43358 .Purified recombinant fragment of human MAGEA4 (AA: 1-225) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 34.8kDa                                                              |

## 研究背景 (Background)

This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence

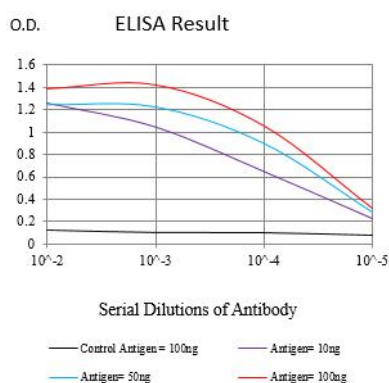
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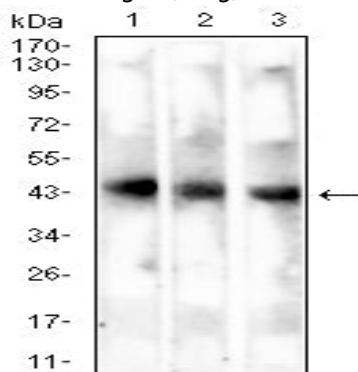
identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Several variants encoding the same protein have been found for this gene.

## 研究领域 (Research Area)

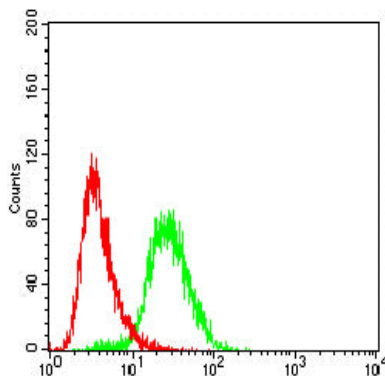
## 图片 (Image Data)



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



Western blot analysis using MAGEA4 mouse mAb against Mouse liver (1), Rat liver (2), and Rat kidney (3) cell lysate.

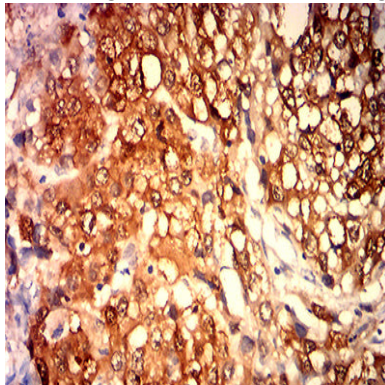


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Flow cytometric analysis of K562 cells using MAGEA4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using MAGEA4 mouse mAb with DAB staining.

#### **注意事项 (Note)**

For research use only .