

产品名称: SIRT7 Mouse Monoclonal Antibody  
产品货号: AMM81570



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | SIRT7 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | IHC,ELISA                       |
| 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)        | SIRT7                                                                                 |
| 别名 (Alternative Names) | SIR2L7                                                                                |
| 基因 ID (Gene ID)        | 51547.0                                                                               |
| 蛋白 ID (SwissProt ID)   | Q9NRC8.Purified recombinant fragment of human SIRT7 (AA: 1-105) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                       |
|--------------------------|---------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 44.9kDa                               |

## 研究背景 (Background)

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin

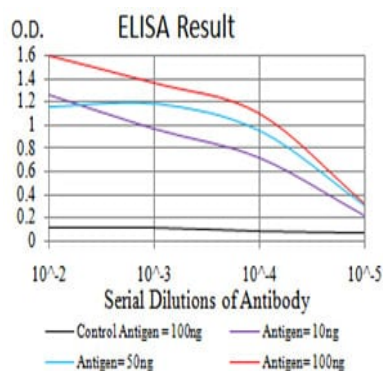
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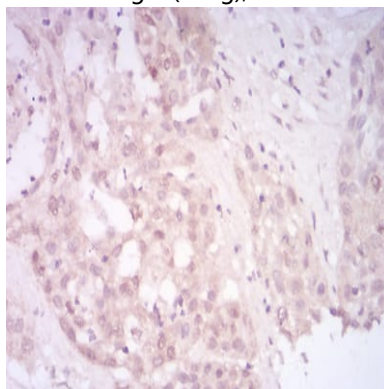
family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family.

## 研究领域 (Research Area)

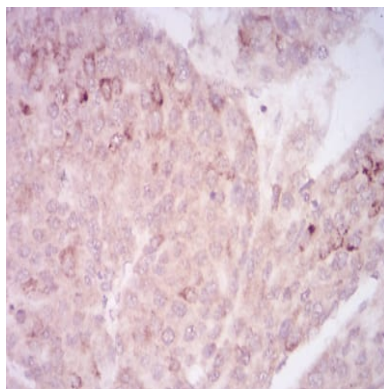
## 图片 (Image Data)



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



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using SIRT7 mouse mAb with DAB staining.



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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using SIRT7 mouse mAb with DAB staining.

**注意事项 (Note)**

For research use only .