

**产品名称:** Actin, smooth muscle(SMA) Mouse Monoclonal Antibody

**产品货号:** AMM22056

### 产品概述 (Summary)

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| 描述(Description)   | Mouse Monoclonal Antibody                                                                            |
| 宿主(Host)          | Mouse                                                                                                |
| 应用(Application)   | IHC,ELISA                                                                                            |
| 种属反应(Reactivity)  | Human,Mouse,Rat                                                                                      |
| 偶联物(Conjugation)  | Unconjugated                                                                                         |
| 修饰(Modification)  | Unmodified                                                                                           |
| 同种型(Isotype)      | IgG2a,Kappa                                                                                          |
| 克隆(Clonality)     | Monoclonal                                                                                           |
| 剂型(Form)          | Liquid                                                                                               |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| 储存溶液(Buffer)      | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                       |
| 纯化 (Purification) | The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen. |

### 产品应用(Application)

|                       |                                |
|-----------------------|--------------------------------|
| 稀释比(Dilution Ratio)   | IHC 1:200-400;ELISA 1:500-5000 |
| 分子量(Molecular Weight) | Observed MW:42kDa              |

### 抗原信息(Antigen Information)

|                       |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| 基因名(Gene Name)        | Actin, smooth muscle                                                              |
| 别名(Alternative Names) |                                                                                   |
| 基因 ID(Gene ID)        |                                                                                   |
| SwissProt ID          | Human:P62736;P63267                                                               |
| 免疫原(Immunogen)        | Synthesized peptide derived from human Actin, smooth muscle (SMA) AA range: 1-100 |

### 研究背景 (Background)

The protein encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This

actin is an alpha actin that is found in skeletal muscle. Defects in this gene cause aortic aneurysm familial thoracic type 6. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008],

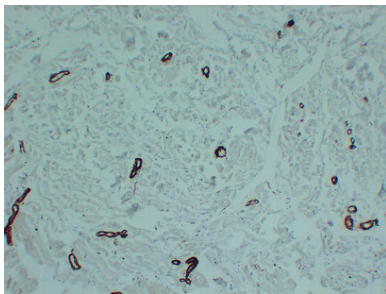
### 研究领域 (Research Area)

Pathology

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Cardiac muscle. 1, Antibody was diluted at 1:200(4°,overnight). 2, Heat-induced epitope retrieval (HIER) was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 ( room temperature, 30min).

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>