

**产品名称: S100 Mouse Monoclonal Antibody**

**产品货号: AMM22074**

### 产品概述 (Summary)

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| 描述(Description)   | Mouse Monoclonal Antibody                                                                            |
| 宿主(Host)          | Mouse                                                                                                |
| 应用(Application)   | IHC,IF,ELISA                                                                                         |
| 种属反应(Reactivity)  | Human,Mouse,Rat                                                                                      |
| 偶联物(Conjugation)  | Unconjugated                                                                                         |
| 修饰(Modification)  | Unmodified                                                                                           |
| 同种型(Isotype)      | IgG1,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;IF 1:50-200;ELISA 1:500-5000 |
| 分子量(Molecular Weight) | Calculated MW:11kDa                        |

### 抗原信息(Antigen Information)

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| 基因名(Gene Name)        | S100B                                                      |
| 别名(Alternative Names) |                                                            |
| 基因 ID(Gene ID)        | Human:6285                                                 |
| SwissProt ID          | Human:P04271                                               |
| 免疫原(Immunogen)        | Synthesized peptide derived from human S100 AA range: 1-50 |

### 研究背景 (Background)

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are

located as a cluster on chromosome 1q21; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of  $\text{Ca}^{2+}$  fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy

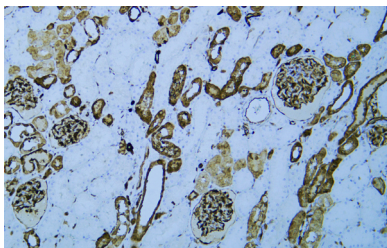
### 研究领域 (Research Area)

Pathology

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Human kidney tissue was stained with Anti-S100 Antibody

## 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>