

产品名称: eNOS Mouse Monoclonal Antibody  
产品货号: AMM80779



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | eNOS 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)        | eNOS                                                                     |
| 别名 (Alternative Names) | ECNOS; NOS3                                                              |
| 基因 ID (Gene ID)        | 4846.0                                                                   |
| 蛋白 ID (SwissProt ID)   | P29474.Purified recombinant fragment of human eNOS 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) | 133kDa                                |

## 研究背景 (Background)

Endothelial nitric-oxide synthase (eNOS), also known as NOS3, it is an important enzyme in the cardiovascular system. It is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial

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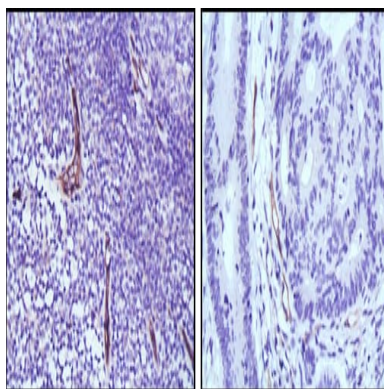


and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm.

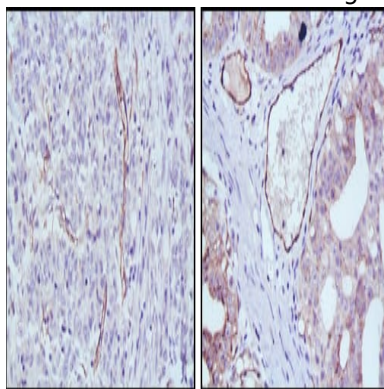
### **研究领域 (Research Area)**

PI3K-Akt signaling pathway

### **图片 (Image Data)**



Immunohistochemical analysis of paraffin-embedded human lymph node (left) and colon cancer (right) tissues using eNOS mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer (left) and ovary cancer (right) tissues using eNOS mouse mAb with DAB staining.

### **注意事项 (Note)**

For research use only .