

**产品名称: CEACAM5 Mouse Monoclonal Antibody**  
**产品货号: AMM82115**



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | CEACAM5 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody         |
| 宿主 (Host)              | Mouse                             |
| 应用 (Application)       | ELISA,FC                          |
| 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 IgG2a                                                                              |
| 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)        | CEACAM5                                                                                  |
| 别名 (Alternative Names) | CEA; CD66e                                                                               |
| 基因 ID (Gene ID)        | 1048.0                                                                                   |
| 蛋白 ID (SwissProt ID)   | P06731.Purified recombinant fragment of human CEACAM5 (AA: 35-165) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                     |
|--------------------------|-------------------------------------|
| 稀释比 (Dilution Ratio)     | ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 76.8kDa                             |

## 研究背景 (Background)

This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA)

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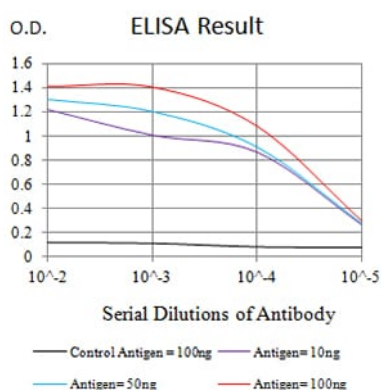


family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.

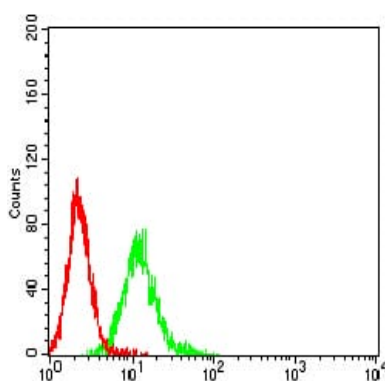
## 研究领域 (Research Area)

Apoptosis

## 图片 (Image Data)



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



Flow cytometric analysis of K562 cells using CEACAM5 mouse mAb (green) and negative control (red).

## 注意事项 (Note)

For research use only .