

产品名称: CEA Mouse Monoclonal Antibody  
产品货号: AMM80940



## 产品概述 (Summary)

|                        |                               |
|------------------------|-------------------------------|
| 产品名称 (Production Name) | CEA Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody     |
| 宿主 (Host)              | Mouse                         |
| 应用 (Application)       | ICC,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)        | CEA                                                                     |
| 别名 (Alternative Names) | CEA; CD66e; DKFZp781M2392; CEACAM5                                      |
| 基因 ID (Gene ID)        | 1048.0                                                                  |
| 蛋白 ID (SwissProt ID)   | P06731.Purified recombinant fragment of human CEA expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                       |
|--------------------------|---------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC 1:200-1:1000,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 77kDa                                 |

## 研究背景 (Background)

Carcino Embryonic Antigen (CEA) is synthesised during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Antibodies to CEA are useful in identifying the origin of various

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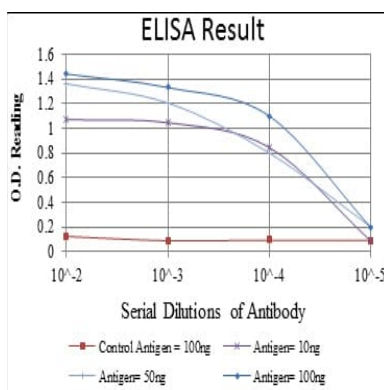


metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60 to 70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). The carcinoembryonic antigen (CEA) is a member of a large family of glycoproteins and a useful tumor marker for adenocarcinoma. Tissue specificity: Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

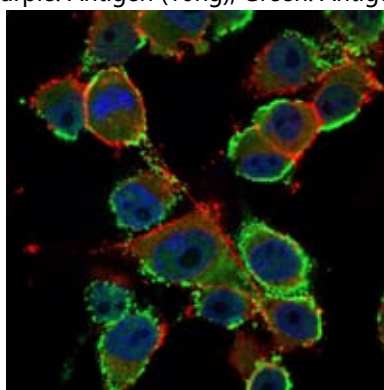
## 研究领域 (Research Area)

Apoptosis

## 图片 (Image Data)



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



Immunofluorescence analysis of PANC-1 cells using CEA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

## 注意事项 (Note)

For research use only .