

产品名称: CD147 Mouse Monoclonal Antibody  
产品货号: AMM81952



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | CD147 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | IHC,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 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)        | CD147                                                                                         |
| 别名 (Alternative Names) | BSG; OK; 5F7; TCSF; EMMPRIN                                                                   |
| 基因 ID (Gene ID)        | 682.0                                                                                         |
| 蛋白 ID (SwissProt ID)   | P35613.Purified recombinant fragment of human CD147 (AA: extra 138-323) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 42.2kDa                                              |

## 研究背景 (Background)

The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo

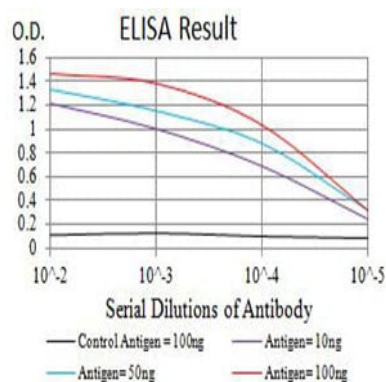
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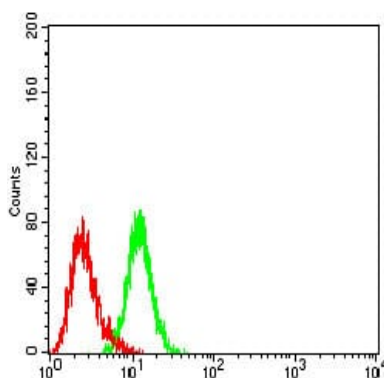
implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.

## 研究领域 (Research Area)

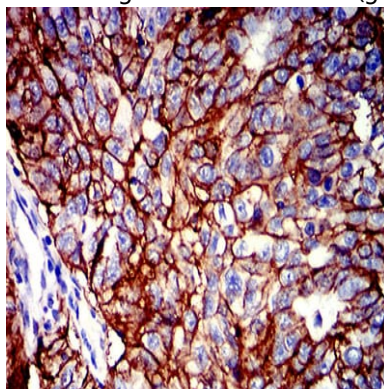
## 图片 (Image Data)



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

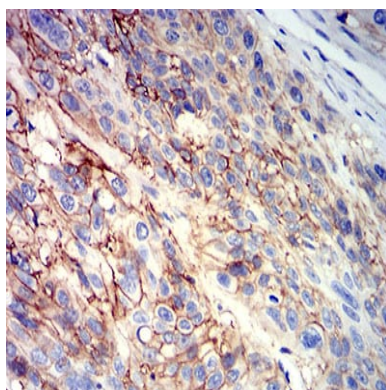


Flow cytometric analysis of K562 cells using CD147 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using CD147 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using CD147 mouse mAb with DAB staining.

#### **注意事项 (Note)**

For research use only .