

产品名称: AKT3 Mouse Monoclonal Antibody  
产品货号: AMM81720



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | AKT3 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody      |
| 宿主 (Host)              | Mouse                          |
| 应用 (Application)       | ICC,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)        | AKT3                                                                                  |
| 别名 (Alternative Names) | CDHN; NCAD; CD325; CDw325                                                             |
| 基因 ID (Gene ID)        | 10000.0                                                                               |
| 蛋白 ID (SwissProt ID)   | Q9Y243.Purified recombinant fragment of human AKT3 (AA: 37-150) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC 1:50-1:250,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 55.8kDa                                            |

## 研究背景 (Background)

This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple

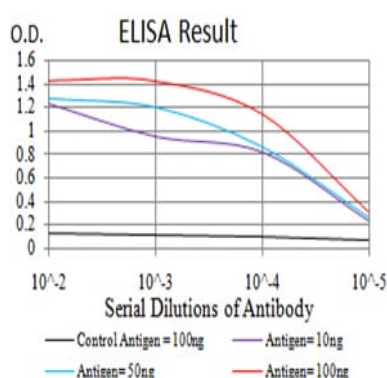
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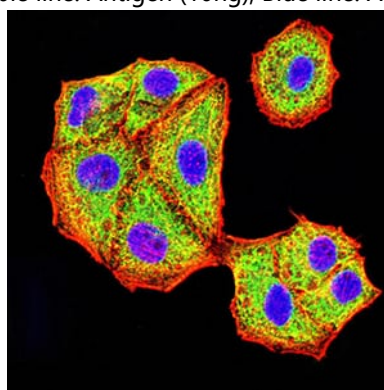
transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone.<br />

## 研究领域 (Research Area)

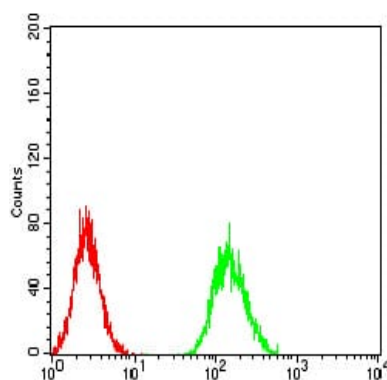
## 图片 (Image Data)



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



Immunofluorescence analysis of HeLa cells using AKT3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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Flow cytometric analysis of Hela cells using AKT3 mouse mAb (green) and negative control (red).

**注意事项 (Note)**

For research use only .