

产品名称: DLG4 Mouse Monoclonal Antibody  
产品货号: AMM82837



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | DLG4 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody      |
| 宿主 (Host)              | Mouse                          |
| 应用 (Application)       | WB,IHC,ELISA,FC                |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat              |

## 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)        | DLG4                                                                                                      |
| 别名 (Alternative Names) | MRD62; PSD95; SAP90; SAP-90                                                                               |
| 基因 ID (Gene ID)        | 1742.0                                                                                                    |
| 蛋白 ID (SwissProt ID)   | P78352.Purified recombinant fragment of human DLG4 (AA: 54-300) expressed in HEK293-6e cells supernatant. |

## 产品应用 (Application)

|                          |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 80.4kDa                                                              |

## 研究背景 (Background)

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with

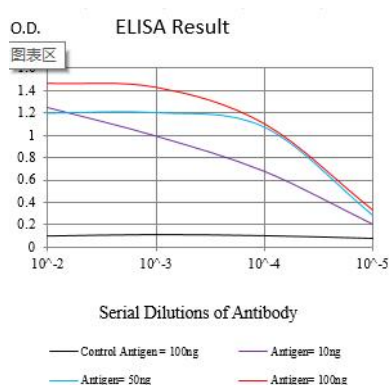
产品名称: DLG4 Mouse Monoclonal Antibody  
产品货号: AMM82837



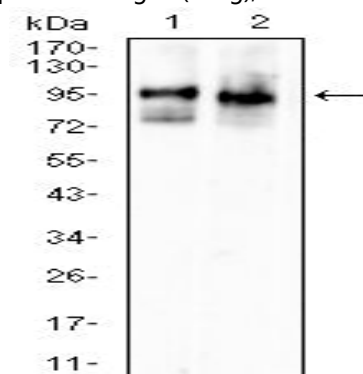
another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

## 研究领域 (Research Area)

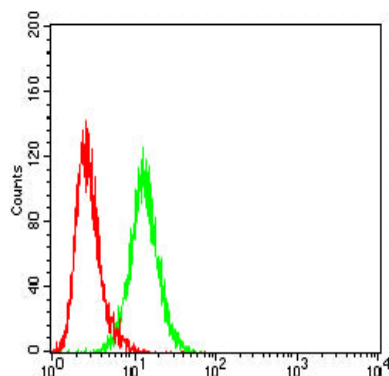
## 图片 (Image Data)



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

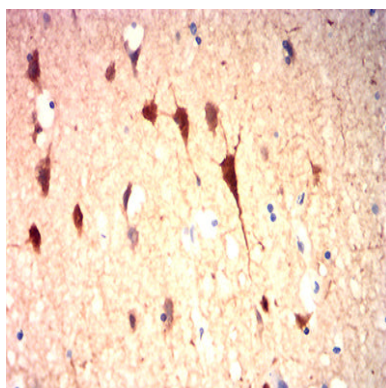


Western blot analysis using DLG4 mouse mAb against Mouse brain (1), and Rat brain (2) tissue lysate.



Flow cytometric analysis of LNCAP cells using DLG4 mouse mAb (green) and negative control (red).

**产品名称: DLG4 Mouse Monoclonal Antibody**  
**产品货号: AMM82837**



Immunohistochemical analysis of paraffin-embedded human brain tissues using DLG4 mouse mAb with DAB staining.

### **注意事项 (Note)**

For research use only .