

**产品名称: PLK1 Mouse Monoclonal Antibody**  
**产品货号: AMM81162**



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | PLK1 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,Monkey         |

## 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)        | PLK1                                                                                   |
| 别名 (Alternative Names) | PLK;STPK13                                                                             |
| 基因 ID (Gene ID)        | 5347.0                                                                                 |
| 蛋白 ID (SwissProt ID)   | P53350.Purified recombinant fragment of human PLK1 (AA: 331-508) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 68kDa                                                               |

## 研究背景 (Background)

Polo-like kinase 1 (Plk1) plays key roles in many aspects of mitosis. Suppression of Plk1 by p21(Waf1) is responsible for

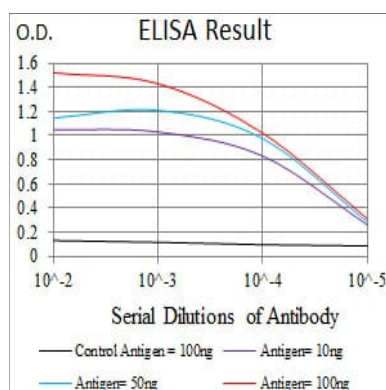
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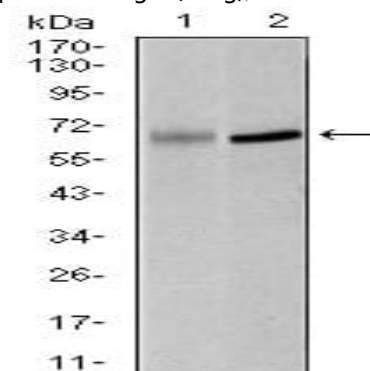
p53-dependent protection against adriamycin-induced caspase-independent mitotic death.

## 研究领域 (Research Area)

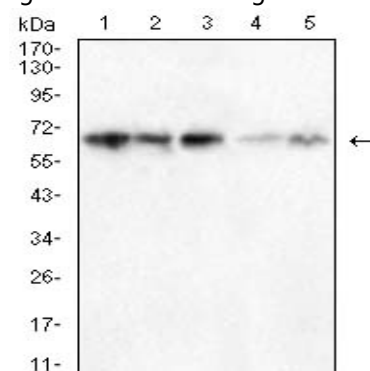
## 图片 (Image Data)



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

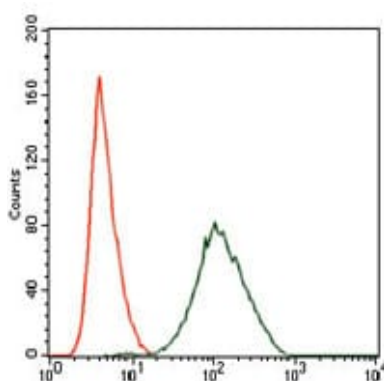


Western blot analysis using PLK1 mouse mAb against K562 (1) and Raji (2) cell lysate.

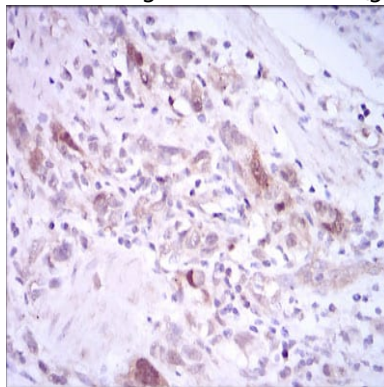


Western blot analysis using PLK1 mouse mAb against NIH/3T3(1)NRK(2)C6(3)COS-7(4)CHO3D10(5) cell lysate.

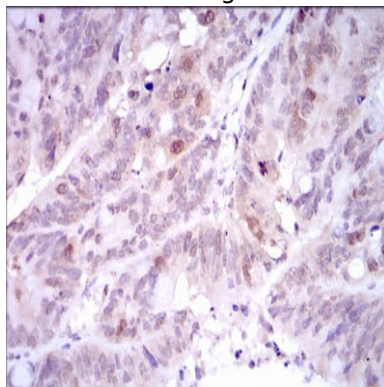
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Flow cytometric analysis of NIH3T3 cells using PLK1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using PLK1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using PLK1 mouse mAb with DAB staining.

## 注意事项 (Note)

For research use only .