

产品名称: RPA1 Mouse Monoclonal Antibody  
产品货号: AMM81115



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | RPA1 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody      |
| 宿主 (Host)              | Mouse                          |
| 应用 (Application)       | WB,IHC,ICC,ELISA,FC            |
| 种属反应性 (Reactivity)     | Human,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)        | RPA1                                                                     |
| 别名 (Alternative Names) | HSSB; RF-A; RP-A; REPA1; RPA70; MST075                                   |
| 基因 ID (Gene ID)        | 6117.0                                                                   |
| 蛋白 ID (SwissProt ID)   | P27694.Purified recombinant fragment of human RPA1 expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 68.1kDa                                                                               |

## 研究背景 (Background)

"This gene Plays an essential role in several cellular processes in DNA metabolism including replication, recombination and

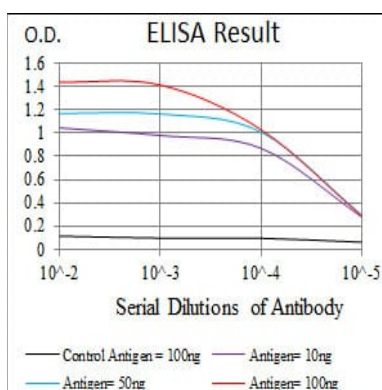
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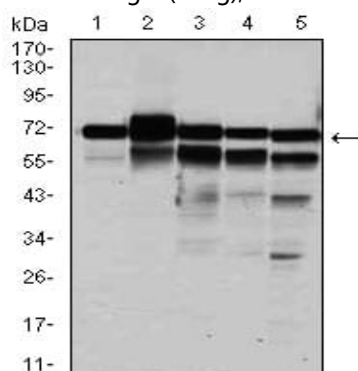
DNA repair. Binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing"

## 研究领域 (Research Area)

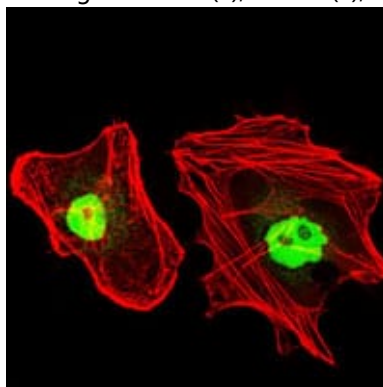
## 图片 (Image Data)



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

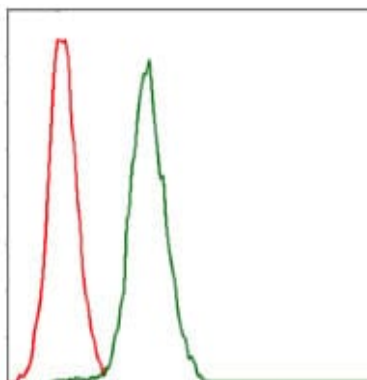


Western blot analysis using RPA1 mouse mAb against HeLa (1), MCF-7 (2), K562(3), A431(4), and COS-7 (6) cell lysate.

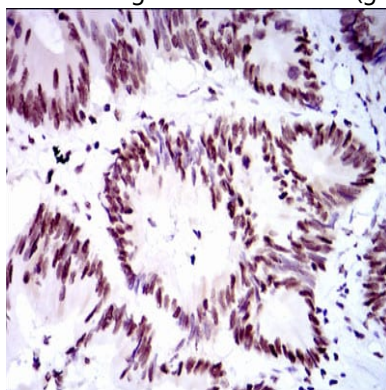


Immunofluorescence analysis of HeLa cells using RPA1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

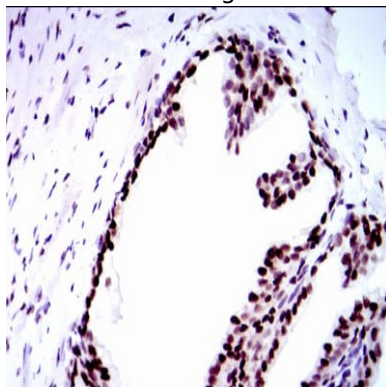
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Flow cytometric analysis of Jurkat cells using RPA1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using RPA1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate tissues using RPA1 mouse mAb with DAB staining.

### 注意事项 (Note)

For research use only .