

产品名称: RAD52 Mouse Monoclonal Antibody  
产品货号: AMM81573



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | RAD52 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | WB,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 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)        | RAD52                                                                                   |
| 别名 (Alternative Names) | RAD52                                                                                   |
| 基因 ID (Gene ID)        | 5893.0                                                                                  |
| 蛋白 ID (SwissProt ID)   | P43351.Purified recombinant fragment of human RAD52 (AA: 269-418) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 46.2kDa                                                              |

## 研究背景 (Background)

The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Rad52, a protein important for DNA

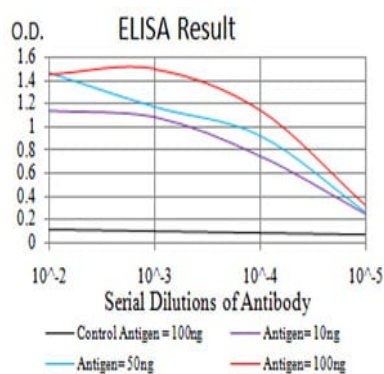
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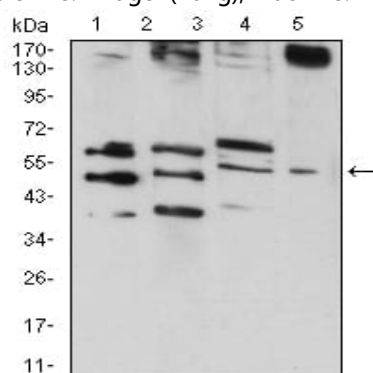
double-strand break repair and homologous recombination. This gene product was shown to bind single-stranded DNA ends, and mediate the DNA-DNA interaction necessary for the annealing of complementary DNA strands. It was also found to interact with DNA recombination protein RAD51, which suggested its role in RAD51 related DNA recombination and repair. A pseudogene of this gene is present on chromosome 2. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

## 研究领域 (Research Area)

## 图片 (Image Data)

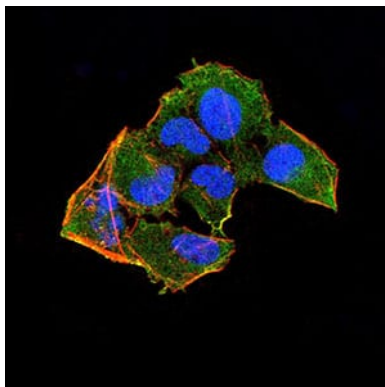


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

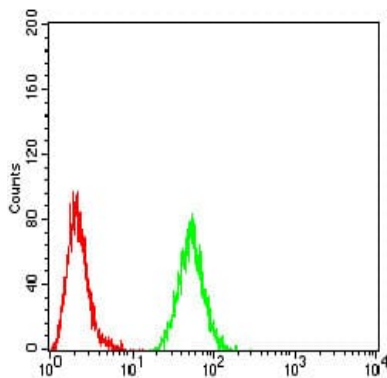


Western blot analysis using RAD52 mouse mAb against HepG2 (1), MCF-7 (2), MCF-7 (3), and C6 (4) cell lysate.

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Immunofluorescence analysis of HeLa cells using RAD52 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)



Flow cytometric analysis of MCF7 cells using RAD52 mouse mAb (green) and negative control (red).

### 注意事项 (Note)

For research use only .