

产品名称: HSP70 Mouse Monoclonal Antibody  
产品货号: AMM80794



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | HSP70 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody       |
| 宿主 (Host)              | Mouse                           |
| 应用 (Application)       | WB,IHC,ICC,ELISA                |
| 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)        | HSP70                                                                     |
| 别名 (Alternative Names) | RY; APG-2; hsp70; hsp70RY; HS24/P52; MGC131852; HSPA4                     |
| 基因 ID (Gene ID)        | 3308.0                                                                    |
| 蛋白 ID (SwissProt ID)   | P34932.Purified recombinant fragment of human HSP70 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 |
| 蛋白分子量 (Molecular Weight) | 70kDa                                                                  |

## 研究背景 (Background)

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the

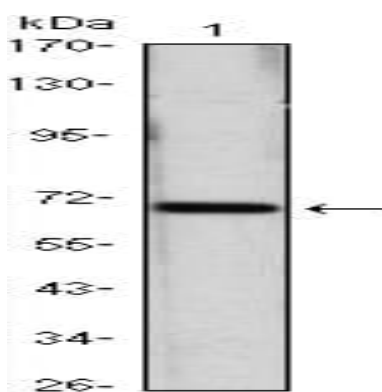
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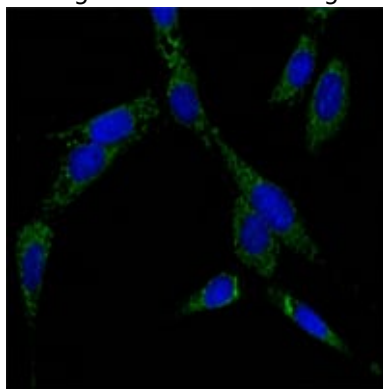
folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

## 研究领域 (Research Area)

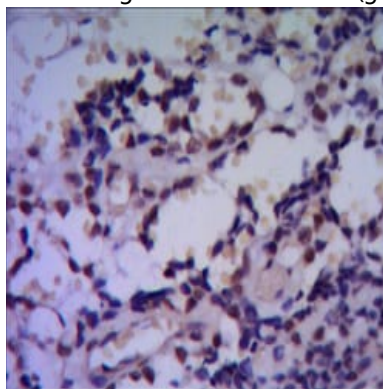
## 图片 (Image Data)



Western blot analysis using HSP70 mouse mAb against HeLa (1) cell lysate.



Immunofluorescence analysis of NIH/3T3 cells using HSP70 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human breast cancer using HSP70 mouse mAb with DAB staining.

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**注意事项 (Note)**

For research use only .