

**产品名称: Hsp27 Rabbit Monoclonal Antibody**  
**产品货号: AMRe85678**



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | Hsp27 Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC,IP                          |
| 种属反应性 (Reactivity)     | Human,Mouse                            |

## 产品性能 (Performance)

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                               |
| 修饰 (Modification)   | Unmodified                                                                                 |
| 同种型 (Isotype)       | IgG                                                                                        |
| 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 TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                      |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | Hsp27<br>HSPB1; HSP27; HSP28; Heat shock protein beta-1; HspB1; 28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Heat shock 27 kDa protein; HSP 27; Stress-responsive protein 27; SRP27 |
| 别名 (Alternative Names) |                                                                                                                                                                                                      |
| 基因 ID (Gene ID)        | 3315.0                                                                                                                                                                                               |
| 蛋白 ID (SwissProt ID)   | P04792.A synthetic peptide of human Hsp27                                                                                                                                                            |

## 产品应用 (Application)

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 23 kDa; Observed MW: 27 kDa                 |

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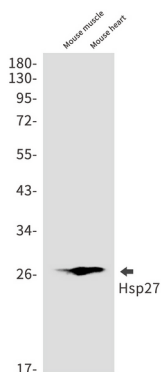
## 研究背景 (Background)

Heat shock protein (HSP) 27 is one of the small HSPs that are constitutively expressed at different levels in various cell types and tissues. Like other small HSPs, HSP27 is regulated at both the transcriptional and posttranslational levels. In response to stress, the HSP27 expression increases several-fold to confer cellular resistance to the adverse environmental change. HSP27 is phosphorylated at Ser15, Ser78, and Ser82 by MAPKAPK-2 as a result of the activation of the p38 MAP kinase pathway.

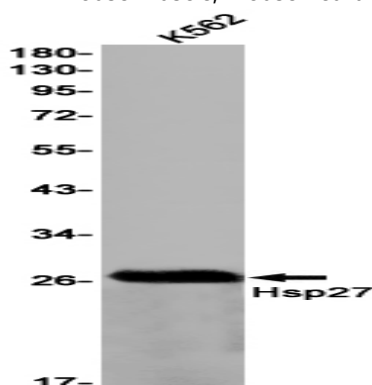
## 研究领域 (Research Area)

MAPK signaling pathway

## 图片 (Image Data)

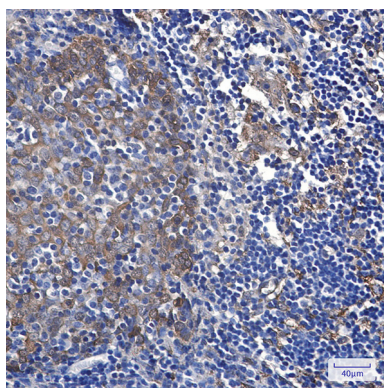


Western blot analysis of Hsp27 in mouse muscle, mouse heart lysates using Hsp27 antibody.



Western blot analysis of Hsp27 in K562 lysates using Hsp27 antibody.

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp27 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

#### **注意事项 (Note)**

For research use only .