

产品名称: MMP12 Rabbit Monoclonal Antibody  
产品货号: AMRe85791



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | MMP12 Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IP                                  |
| 种属反应性 (Reactivity)     | Human,Rat,Hamster                      |

## 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)        | MMP12                                                                                                                     |
| 别名 (Alternative Names) | Macrophage metalloelastase; MME; 3.4.24.65; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12; MMP12; HME |
| 基因 ID (Gene ID)        | 4321.0                                                                                                                    |
| 蛋白 ID (SwissProt ID)   | P39900.A synthetic peptide of human MMP12                                                                                 |

## 产品应用 (Application)

|                          |                                               |
|--------------------------|-----------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IP 1:10-1:20                  |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 54 kDa; Observed MW: 54,45 kDa |

## 研究背景 (Background)

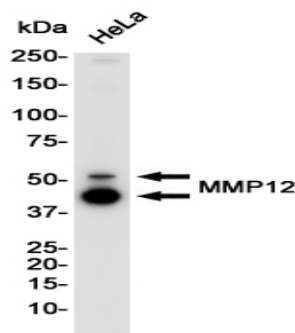
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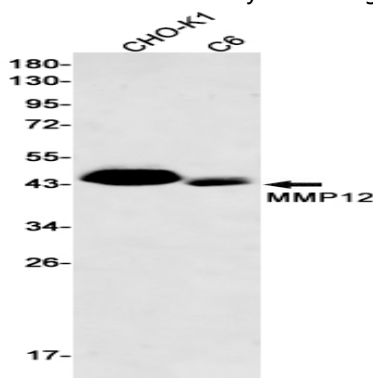
MMP-12 lacks a transmembrane domain and furin cleavage site. The zymogen for MMP-12 is about 54 kDa, and is quickly activated to the 45 kDa form, and this breaks down to cascade of active forms, ending with the common 22 kDa form. Stimulated macrophages produce MMP-12; it has also been found in osteosarcoma cells, synovial fibroblasts and lung fibroblasts.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of MMP12 in HeLa lysates using MMP12 antibody.



Western blot analysis of MMP12 in CHO-K1, C6 lysates using MMP12 antibody.

## 注意事项 (Note)

For research use only .