

产品名称: PRDX1 Rabbit Monoclonal Antibody  
产品货号: AMRe83884



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | PRDX1 Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC/IF,ICC,FC                   |
| 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 PBS 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)        | PRDX1                                                                                            |
| 别名 (Alternative Names) | PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A; Peroxiredoxin1; PRDX1;;Peroxiredoxin 1 |
| 基因 ID (Gene ID)        |                                                                                                  |
| 蛋白 ID (SwissProt ID)   | Q06830.A synthesized peptide derived from human Peroxiredoxin 1                                  |

## 产品应用 (Application)

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100 |
| 蛋白分子量 (Molecular Weight) | 22 kDa                                                                          |

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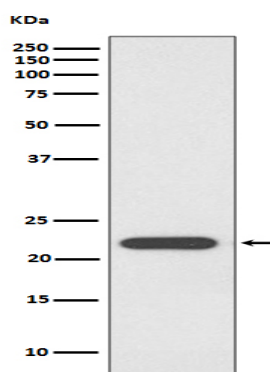


## 研究背景 (Background)

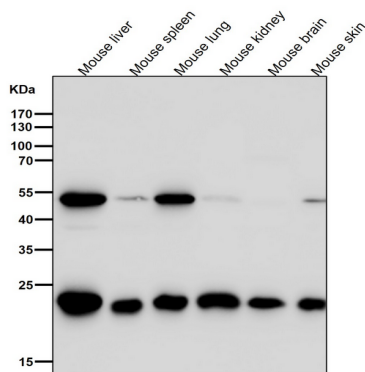
Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H<sub>2</sub>O<sub>2</sub>.

## 研究领域 (Research Area)

## 图片 (Image Data)

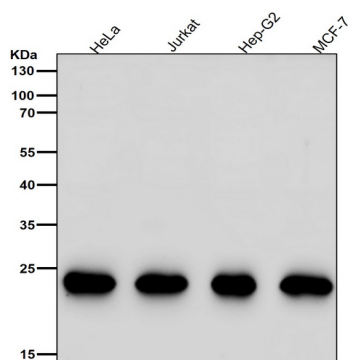


Western blot analysis of PRDX1 expression in K562 cell lysates.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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#### 注意事项 (Note)

For research use only .