

产品名称: MDR1 Rabbit Monoclonal Antibody  
产品货号: AMRe21283



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | MDR1 Rabbit Monoclonal Antibody        |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA,IP                 |
| 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)       | IgG,Kappa                                                                                |
| 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)       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein                           |
| 纯化方式 (Purification) | Protein A                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ABCB1 MDR1 PGY1<br>ABCB1;ABCB1;ATP binding cassette, sub family B;MDR/TAP,, member 1;ATP-binding cassette sub-family B member 1;CD243;CLCS;Colchicin sensitivity;Doxorubicin resistance;GP170;MDR1;MDR1_HUMAN;Multidrug resistance 1;Multidrug resistance protein 1;P glycoprotein 1;P gp;P-glycoprotein 1;PGY1 |
| 别名 (Alternative Names) |                                                                                                                                                                                                                                                                                                                 |
| 基因 ID (Gene ID)        | 5243.0                                                                                                                                                                                                                                                                                                          |
| 蛋白 ID (SwissProt ID)   | P08183.                                                                                                                                                                                                                                                                                                         |

## 产品应用 (Application)

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio) | WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
|----------------------|-------------------------------------------------------------------------------------------|

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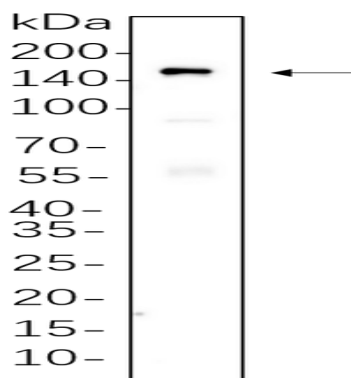
**蛋白分子量 (Molecular Weight)**      Calculated MW:141kD;Observed MW:141kD

## 研究背景 (Background)

Cell localization:Membrane.The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier. [provided by RefSeq, Jul 2008],

## 研究领域 (Research Area)

## 图片 (Image Data)



SH-SY5Y cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with primary antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

## 注意事项 (Note)

For research use only .