

**产品名称: Phospho-Rb (Ser780) Rabbit Monoclonal Antibody**  
**产品货号: AMRe02528**



## 产品概述 (Summary)

|                        |                                                |
|------------------------|------------------------------------------------|
| 产品名称 (Production Name) | Phospho-Rb (Ser780) 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                                      |

## 产品性能 (Performance)

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                         |
| 修饰 (Modification)   | Phosphorylated                                                                                       |
| 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)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| 基因名 (Gene Name)        | RB1                                                             |
| 别名 (Alternative Names) | RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110 |
| 基因 ID (Gene ID)        | 5925                                                            |
| 蛋白 ID (SwissProt ID)   | P06400.                                                         |

## 产品应用 (Application)

|                          |                                              |
|--------------------------|----------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IP 1:20-1:50                 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 106 kDa; Observed MW: 110 kDa |

## 研究背景 (Background)

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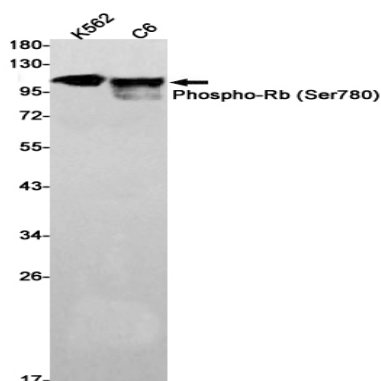


Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2 phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780 phosphorylation in vivo.

## 研究领域 (Research Area)

Cell Biology

## 图片 (Image Data)



Western blot analysis of Phospho-Rb (Ser780) in K562, C6 lysates using Phospho-Rb (Ser780) antibody.

## 注意事项 (Note)

For research use only .