

**产品名称: Cyclin E2 Rabbit Monoclonal Antibody**  
**产品货号: AMRe01872**



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | Cyclin E2 Rabbit Monoclonal Antibody   |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC/IF                          |
| 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                                                                                                  |
| 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)        | CCNE2                          |
| 别名 (Alternative Names) | CCNE2; G1/S-specific cyclin-E2 |
| 基因 ID (Gene ID)        | 9134                           |
| 蛋白 ID (SwissProt ID)   | O96020.                        |

## 产品应用 (Application)

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 47 kDa; Observed MW: 47 kDa       |

## 研究背景 (Background)

The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels

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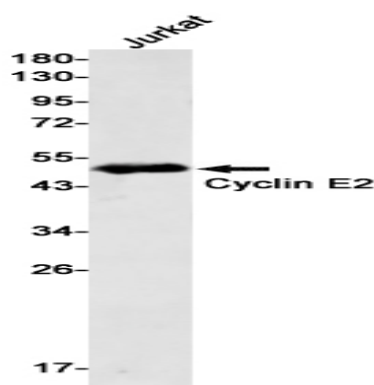


peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) and p21 (Cip1). Cyclin E2 / Cdk2 phosphorylates histone H1 in vitro. G1 cyclin E controls the initiation of DNA synthesis by activating CDK2. Abnormally high levels of cyclin E expression have frequently been observed in human cancers.

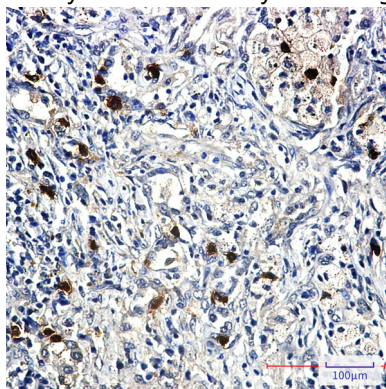
## 研究领域 (Research Area)

Cell Biology

## 图片 (Image Data)

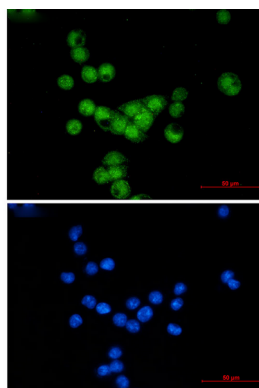


Western blot analysis of Cyclin E2 in Jurkat lysates using Cyclin E2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cyclin E2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of Cyclin E2 (green) in MCF-7 using Cyclin E2 antibody, and DAPI(blue)

#### 注意事项 (Note)

For research use only .