

**产品名称: PLK1 Rabbit Monoclonal Antibody**

**产品货号: AMRe03292**

### 产品概述 (Summary)

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| 描述(Description)   | Recombinant rabbit monoclonal antibody                                                               |
| 宿主(Host)          | Rabbit                                                                                               |
| 应用(Application)   | WB, ICC/IF, IP                                                                                       |
| 种属反应(Reactivity)  | Human, Rat                                                                                           |
| 偶联物(Conjugation)  | Unconjugated                                                                                         |
| 修饰(Modification)  | Unmodified                                                                                           |
| 同种型(Isotype)      | IgG                                                                                                  |
| 克隆(Clonality)     | Monoclonal                                                                                           |
| 剂型(Form)          | Liquid                                                                                               |
| 保存条件(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 (Purification) | Affinity Purification                                                                                |

### 产品应用(Application)

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50 |
| 分子量(Molecular Weight) | Calculated MW: 68 kDa; Observed MW: 68 kDa       |

### 抗原信息(Antigen Information)

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | PLK1                                                                                                                   |
| 别名(Alternative Names) | PLK1; PLK; Serine/threonine-protein kinase PLK1; Polo-like kinase 1; PLK-1; Serine/threonine-protein kinase 13; STPK13 |
| 基因 ID(Gene ID)        | 5347                                                                                                                   |
| SwissProt ID          | P53350                                                                                                                 |
| 免疫原(Immunogen)        | A synthetic peptide corresponding to target protein                                                                    |

### 研究背景 (Background)

Required for recovery after DNA damage checkpoint and entry into mitosis. Required for kinetochore localization of BUB1B. Phosphorylates SGOL1. Required for spindle pole localization of isoform 3 of SGOL1 and plays a role in regulating its centriole

cohesion function. Phosphorylates BORA, and thereby promotes the degradation of BORA. Contributes to the regulation of AURKA function. Regulates TP53 stability through phosphorylation of TOPORS.

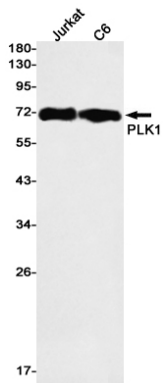
### 研究领域 (Research Area)

Cell Biology

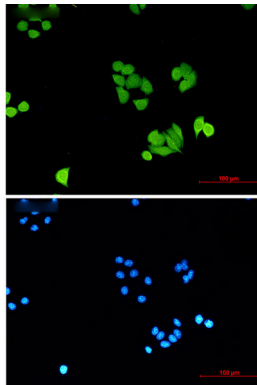
### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Western blot analysis of PLK1 in Jurkat, C6 lysates using PLK1 antibody.



Immunocytochemistry analysis of PLK1 (green) in HeLa using PLK1 antibody, and DAPI (blue)

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>