

Product datasheet

Anti-Thymidine Kinase 1 antibody [EPR3194] ab91651

敲除验证
重组
RabMAb

1 References 3 图像

概述

| | |
|--------------|---|
| 产品名称 | Anti-Thymidine Kinase 1 抗体[EPR3194] |
| 描述 | 兔单克隆抗体[EPR3194] to Thymidine Kinase 1 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, Flow Cyt, ICC/IF 不适用于: IHC-P or IP |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide (Human) |
| 阳性对照 | Hela cells and Molt-4 cell lysate |
| 常规说明 | <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents</p> <p>This product is a recombinant rabbit monoclonal antibody.</p> |

性能

| | |
|-------------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant |
| 纯度 | Tissue culture supernatant |
| 克隆 | 单克隆 |
| 克隆编号 | EPR3194 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab91651** in the following tested applications.

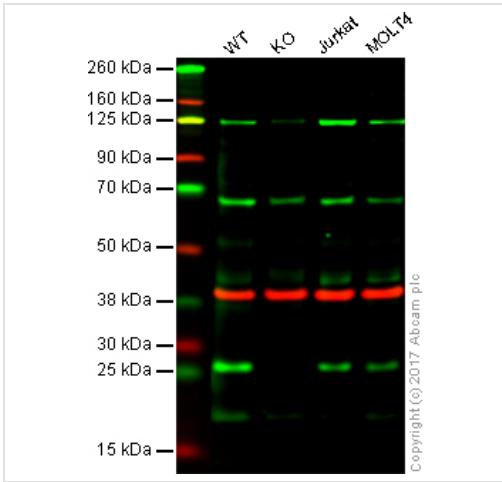
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|----------|------|--|
| WB | | 1/500 - 1/1000. Predicted molecular weight: 25 kDa. |
| Flow Cyt | | 1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| ICC/IF | | 1/100 - 1/250. |
| 应用说明 | | Is unsuitable for IHC-P or IP. |

靶标

| | |
|-------|---|
| 序列相似性 | Belongs to the thymidine kinase family. |
| 翻译后修饰 | Phosphorylated on Ser-13 in mitosis. |
| 细胞定位 | Cytoplasm. |

图片



Western blot - Anti-Thymidine Kinase 1 antibody [EPR3194] (ab91651)

Lane 1: Wild-type HAP1 whole cell lysate (20 μ g)

Lane 2: TK1 knockout HAP1 whole cell lysate (20 μ g)

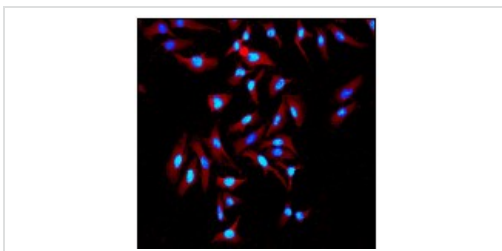
Lane 3: Jurkat whole cell lysate (20 μ g)

Lane 4: MOLT4 whole cell lysate (20 μ g)

Lanes 1 - 4: Merged signal (red and green).

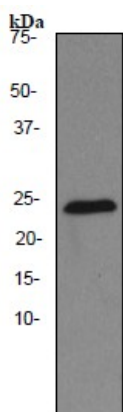
Green - ab91651 observed at 25 kDa. Red - loading control, [ab8245](#), observed at 37 kDa.

ab91651 was shown to specifically recognize TK1 in wild-type HAP1 cells along with additional cross-reactive bands. No bands were observed when TK1 knockout samples were examined. Wild-type and TK1 knockout samples were subjected to SDS-PAGE. Ab91651 and [ab8245](#) (Mouse anti GAPDH loading control) were incubated overnight at 4°C at 1/500 dilution and 1/10,000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed [ab216773](#) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed [ab216776](#) secondary antibodies at 1/20,000 dilution for 1 hour at room temperature before imaging.



Immunocytochemistry/ Immunofluorescence - Anti-Thymidine Kinase 1 antibody [EPR3194] (ab91651)

ab91651 at 1/100 dilution staining Thymidine kinase 1 in HeLa cells



Western blot - Anti-Thymidine Kinase 1 antibody
[EPR3194] (ab91651)

Anti-Thymidine Kinase 1 antibody [EPR3194]
(ab91651) at 1/500 dilution + Molt-4 cell lysate
at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000
dilution

Predicted band size: 25 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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