


Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free ab219586

重组 RabMAb

6 References 6 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-CDK1 + Cdk2 + Cdk3 (phospho T14)抗体[E161] - BSA and Azide free |
| 描述 | 兔单克隆抗体[E161] to CDK1 + Cdk2 + Cdk3 (phospho T14) - BSA and Azide free |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IP, IHC-P, ICC/IF |
| 种属反应性 | 与反应: Mouse, Rat, Human 预测可用于: Cow  |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | WB: HeLa cell lysate. IHC-P: Human lymphoma. |
| 常规说明 | <p>ab219586 is the carrier-free version of ab32384.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</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> |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| 存储溶液 | pH: 7.20 Constituent: PBS |
| 无载体 | 是 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | E161 |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab219586于以下的经测试应用

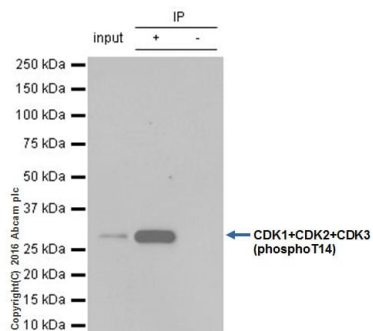
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|--------|------|--|
| WB | | Use at an assay dependent concentration. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa). |
| IP | | Use at an assay dependent concentration. |
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> . |
| ICC/IF | | Use at an assay dependent concentration. |

靶标

| | |
|------|---|
| 细胞定位 | CDK1: Nucleus. |
| 形式 | CDK1: CDK1 can be located to the Nucleus, cytoplasm and Mitochondria. It's cytoplasmic during interphase and reversibly translocated from cytoplasm to the nucleus when phosphorylated before G2-M transition when associated with cyclin-B1. Accumulates in mitochondria in G2-arrested cells upon DNA-damage. |

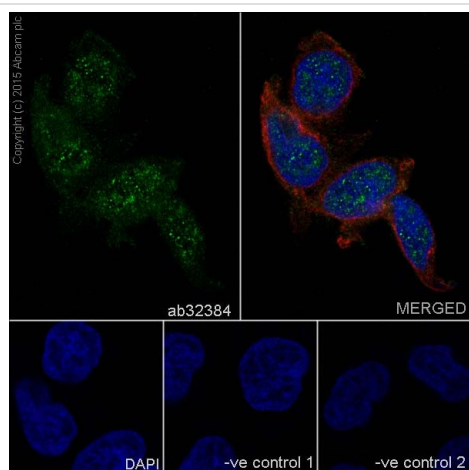
图片



Immunoprecipitation - Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

ab32384 (purified) at 1/50 immunoprecipitating CDK1 in 10 µg HEK293 (Lanes 1 and 2, observed at 34 kDa). Lane 3 - PBS. For western blotting, HRP Veriblot for IP (**ab131366**) was used for detection at 1/1000 dilution. Blocking buffer and concentration: 5% NFDM/TBST Dilution buffer and concentration: 5% NFDM/TBST

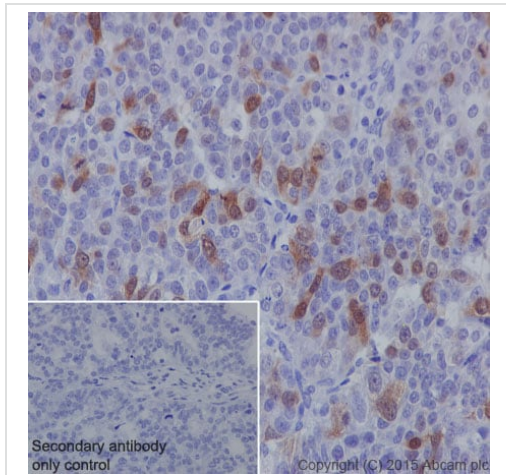
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32384**).



Immunocytochemistry/ Immunofluorescence - Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

Immunofluorescence staining of HeLa cells with purified **ab32384** at a working dilution of 1/200, counter-stained with DAPI. The secondary antibody was Alexa Fluor® 488 goat anti-rabbit (**ab150077**), used at a dilution of 1/1000. **ab7291**, a mouse anti-tubulin antibody (1/1000), was used to stain tubulin along with **ab150120** (Alexa Fluor® 594 goat anti-mouse, 1/1000), shown in the top right hand panel. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative controls are shown in bottom middle and right hand panels - for negative control 1, purified **ab32384** was used at a dilution of 1/500 followed by an Alexa Fluor® 594 goat anti-mouse antibody (**ab150120**) at a dilution of 1/500. For negative control 2, **ab7291** (mouse anti-tubulin) was used at a dilution of 1/500 followed by an Alexa Fluor® 488 goat anti-rabbit antibody (**ab150077**) at a dilution of 1/400.

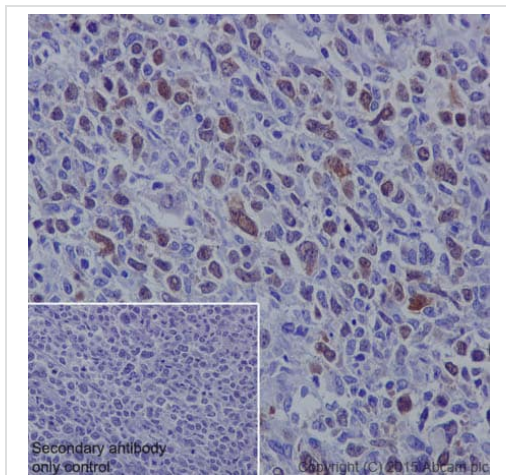
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32384**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

Immunohistochemical staining of paraffin embedded human ovarian carcinoma with purified **ab32384** at a working dilution of 1/500. The secondary antibody used is HRP goat anti-rabbit IgG H&L (**ab97051**) at 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.

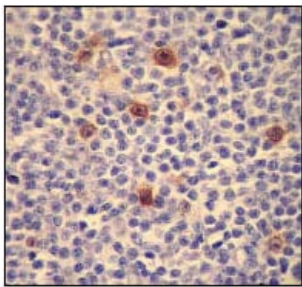
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32384**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

Immunohistochemical staining of paraffin embedded human B cell lymphoma with purified **ab32384** at a working dilution of 1/500. The secondary antibody used is HRP goat anti-rabbit IgG H&L (**ab97051**) at 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32384**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

Unpurified **ab32384**, at a 1/50 dilution, staining Cdc2 in paraffin embedded human lymphoma tissue sections by Immunohistochemistry.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32384**).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CDK1 + Cdk2 + Cdk3 (phospho T14) antibody [E161] - BSA and Azide free (ab219586)

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