

Product datasheet

Anti-Cdk2 antibody [1C4] ab124338

5 图像

概述

产品名称	Anti-Cdk2抗体[1C4]
描述	小鼠单克隆抗体[1C4] to Cdk2
经测试应用	适用于: WB, Flow Cyt, ICC/IF
种属反应性	与反应: Human, Monkey
免疫原	Recombinant full length Human Cdk2 protein produced in HEK293T cells (NP_001789).
阳性对照	WB: Cdk2-transfected HEK293T cell lysate, HeLa, SVT2, COS7 and Jurkat cell extracts ICC/IF: HeLa cells and COS7 cells transiently transfected by Cdk2 Flow Cyt: Cdk2-transfected HEK293T cells
常规说明	Dilute in PBS (pH 7.3) before use. Stable for 12 months from date of receipt.

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: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	1C4
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab124338** in the following tested applications.

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

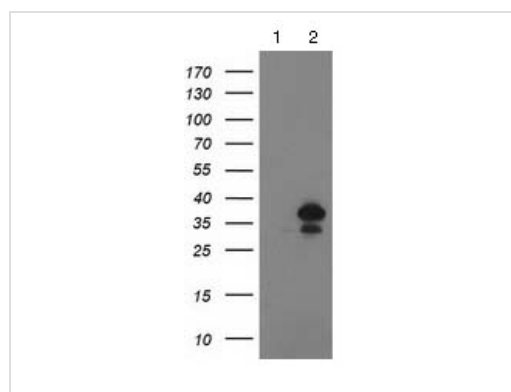
应用	Ab评论	说明
WB		1/500 - 1/2000. Predicted molecular weight: 34 kDa.

应用	Ab评论	说明
Flow Cyt		1/100. ab170191 -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

靶标

功能	Involved in the control of the cell cycle. Interacts with cyclins A, B1, B3, D, or E. Activity of CDK2 is maximal during S phase and G2.
序列相似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.

图片



Western blot - Anti-Cdk2 antibody [1C4] (ab124338)

All lanes : Anti-Cdk2 antibody [1C4]
(ab124338) at 1/500 dilution

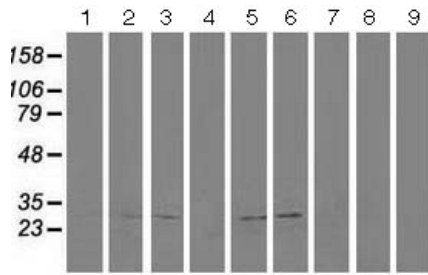
Lane 1 : HEK293T cell lysate transfected with
pCMV6-ENTRY control

Lane 2 : HEK293T cell lysate transfected with
pCMV6-ENTRY Cdk2 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size : 34 kDa

HEK293T cell lysates were generated from
transient transfection of the cDNA clone
(RC200494)



Western blot - Anti-Cdk2 antibody [1C4] (ab124338)

All lanes : Anti-Cdk2 antibody [1C4]
(ab124338) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : SVT2 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

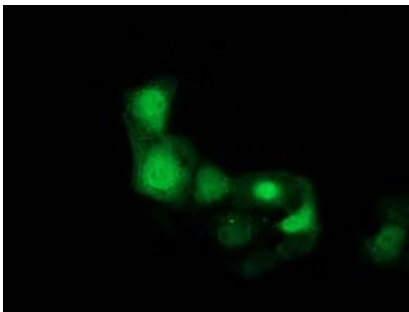
Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

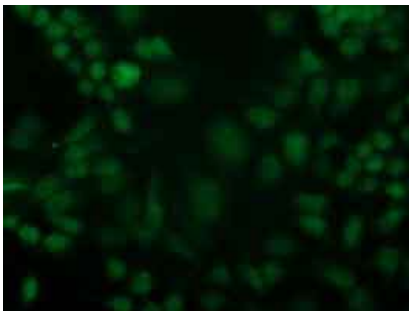
Predicted band size : 34 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC200494)



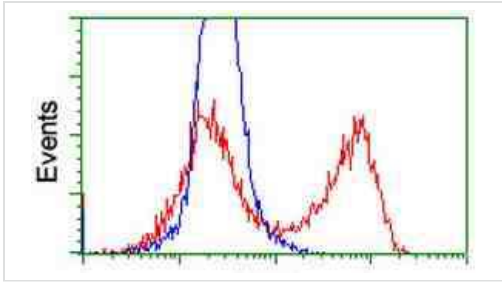
Immunocytochemistry/ Immunofluorescence - Anti-Cdk2 antibody [1C4] (ab124338)

ab124338, at a 1/100 dilution, staining Cdk2 in COS7 cells transiently transfected using pCMV6-ENTRY Cdk2, by Immunofluorescence.



Immunocytochemistry/ Immunofluorescence - Anti-Cdk2 antibody [1C4] (ab124338)

ab124338, at a 1/100 dilution, staining Cdk2 in HeLa cells by Immunofluorescence.



Flow Cytometry - Anti-Cdk2 antibody [1C4]
(ab124338)

ab124338, at a 1/100 dilution, staining Cdk2 in HEK293T cells transfected with either pCMV6-ENTRY Cdk2 overexpress plasmid (red) or empty vector control plasmid (blue), by Flow Cytometry.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors