

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
宿主	Mouse
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.

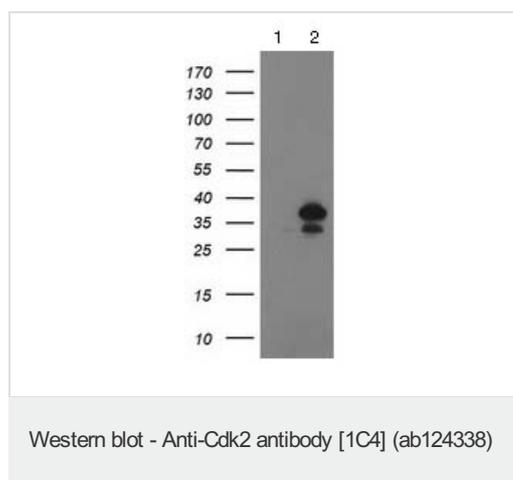
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/2000. Predicted molecular weight: 34 kDa.
Flow Cyt		1/100. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

## 靶标

<b>功能</b>	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.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.

## 图片



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

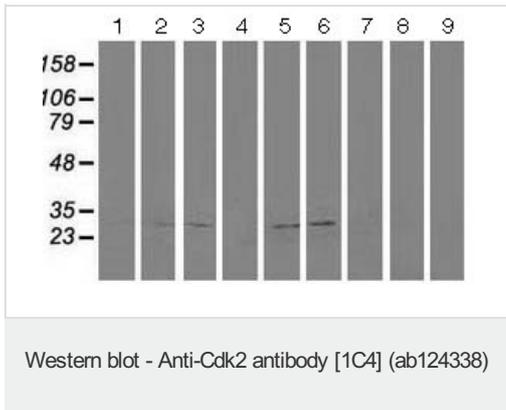
**Lane 1** : HEK293T cell lysate transfected with  
pCMV6-ENTRY control

**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)



**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

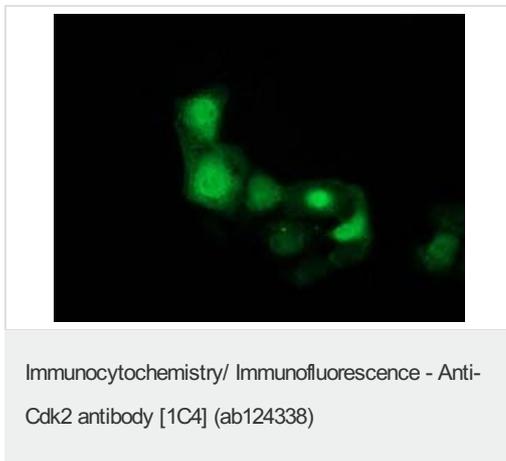
**Lane 8 :** PC12 cell extract

**Lane 9 :** MCF7 cell extract

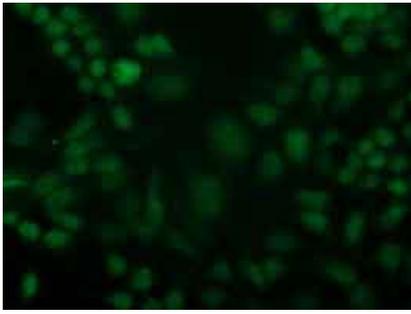
Lysates/proteins at 35 µg per lane.

**Predicted band size:** 34 kDa

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

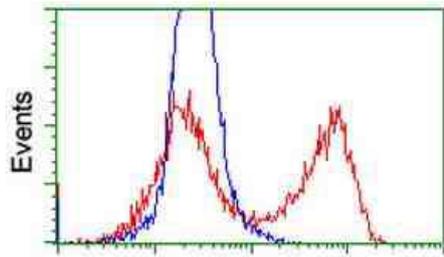


ab124338, at a 1/100 dilution, staining Cdk2 in COS7 cells transiently transfected using pCMV6-ENTRY Cdk2, by Immunofluorescence.



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

Immunocytochemistry/ Immunofluorescence - 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.

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

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