

Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53] ab32030

リコンビナント RabMAb

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製品の概要

製品名	Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53]
製品の詳細	Rabbit monoclonal [E53] to CDK1 + CDK2 + CDK3 + CDK5
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt or IHC
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Hela cell lysate.
特記事項	<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> <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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	E53

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab32030の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 35 kDa (predicted molecular weight: 34 kDa).

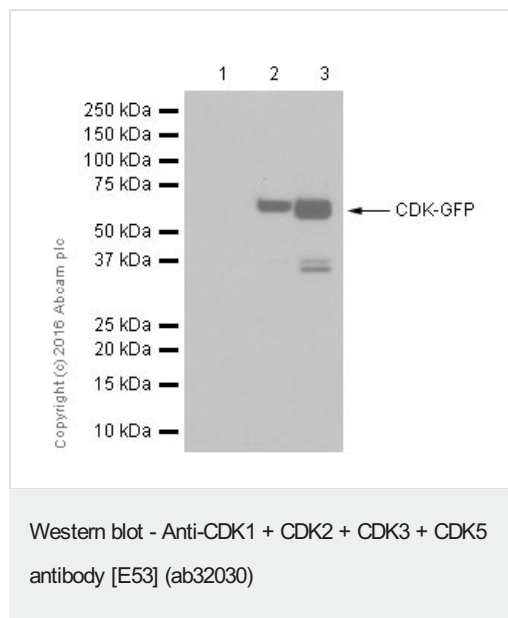
追加情報 Is unsuitable for Flow Cyt or IHC.

ターゲット情報

細胞内局在 CDK1: Nucleus. CDK5: Cytoplasm. Cell projection > lamellipodium. Cell projection > growth cone. In axonal growth cone with extension to the peripheral lamellipodia.

製品の状態 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.

画像



All lanes : Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53] (ab32030) at 1/10000 dilution

Lane 1 : Empty vector transfected 293T (human embryonic kidney) whole cell lysates

Lane 2 : CDK2-GFP transfected 293T (human embryonic kidney) whole cell lysates

Lane 3 : CDK3-GFP transfected 293T (human embryonic kidney) whole cell lysates

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 34 kDa

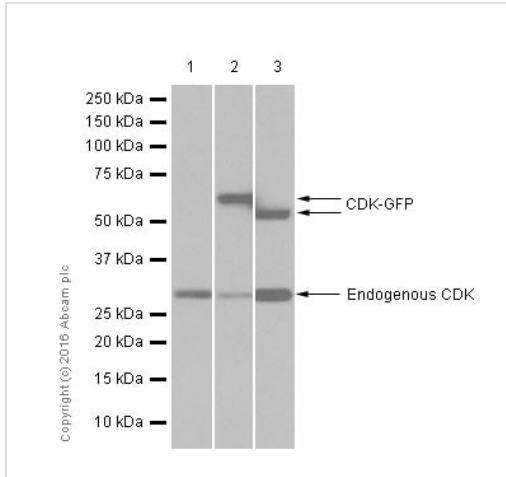
Observed band size: 62 kDa

Exposure time: 1 second

Blocking/Diluting buffer 5% NFDM/TBST

The endogenous CDK is detected at higher exposure.

We are not sure the bands around 35kDa. Perhaps they are degradation products.



Western blot - Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53] (ab32030)

All lanes : Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53] (ab32030) at 1/2000 dilution

Lane 1 : Empty vector transfected 293T (human embryonic kidney) whole cell lysates

Lane 2 : CDK1-GFP transfected 293T (human embryonic kidney) whole cell lysates

Lane 3 : CDK5-GFP transfected 293T (human embryonic kidney) whole cell lysates

Lysates/proteins at 15 µg per lane.

Secondary

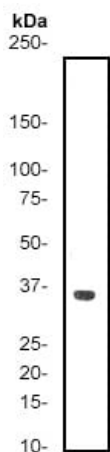
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 34 kDa

Exposure time: 15 seconds

Blocking/Diluting buffer 5% NFDM/TBST

34kDa band represents endogenous CDK, and 62kDa represents CDK-GFP.



Anti-CDK1 + CDK2 + CDK3 + CDK5 antibody [E53] (ab32030) at
1/5000 dilution + HeLa cell lysate

Predicted band size: 34 kDa

Observed band size: 35 kDa

Western blot - Anti-CDK1 + CDK2 + CDK3 + CDK5
antibody [E53] (ab32030)

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 + CDK5 antibody [E53]
(ab32030)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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