

Anti-Cyclin H/p34 antibody [EPR3929] ab92376

リコンビナント **RabMAb**

4 References [画像数 6](#)

製品の概要

製品名	Anti-Cyclin H/p34 antibody [EPR3929]
製品の詳細	Rabbit monoclonal [EPR3929] to Cyclin H/p34
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, Flow Cyt, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide within Human Cyclin H/p34 aa 300-400. The exact sequence is proprietary.
ポジティブ・コントロール	Flow cyt: Jurkat cells WB: Jurkat cells, HeLa cells, A431 cells, K-562 cells, mouse kidney lysate, mouse spleen lysate, NIH/3T3 cells. ICC/IF: HeLa cells. IHC-P: mouse testis tissue, human lung carcinoma tissue.
特記事項	<p>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this 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: 59% PBS, 40% 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	EPR3929
アイソタイプ	IgG

アプリケーション

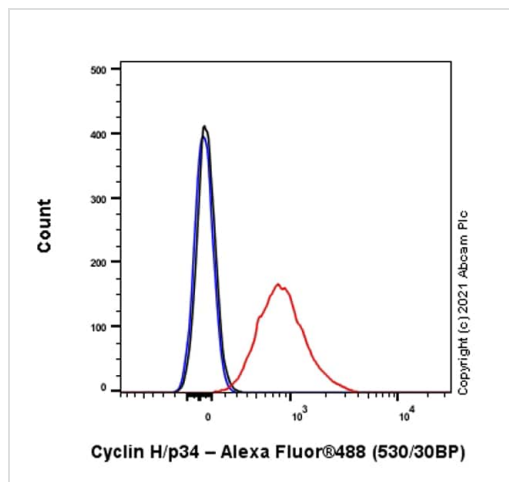
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab92376の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 38 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.
Flow Cyt		1/20.
ICC/IF		1/50 - 1/100.

ターゲット情報

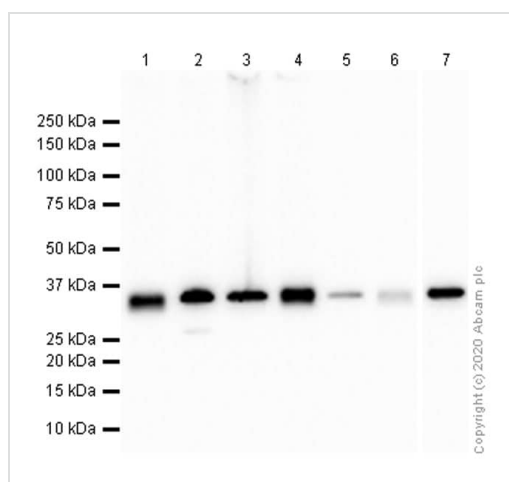
機能	Regulates CDK7, the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminus domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.
配列類似性	Belongs to the cyclin family. Cyclin C subfamily.
細胞内局在	Nucleus.

画像



Flow Cytometry - Anti-Cyclin H/p34 antibody
[EPR3929] (ab92376)

Flow Cytometry analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labelling Cyclin H/p34 with Purified ab92376 at 1:20 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor™ 488, [ab150077](#)) secondary antibody was used at 1:2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-Cyclin H/p34 antibody
[EPR3929] (ab92376)

All lanes : Anti-Cyclin H/p34 antibody [EPR3929] (ab92376) at 1/1000 dilution (Purified)

Lane 1 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 3 : A431 (Human epidermoid carcinoma epithelial cell) whole cell lysate

Lane 4 : K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysate

Lane 5 : Mouse kidney lysate

Lane 6 : Mouse spleen lysate

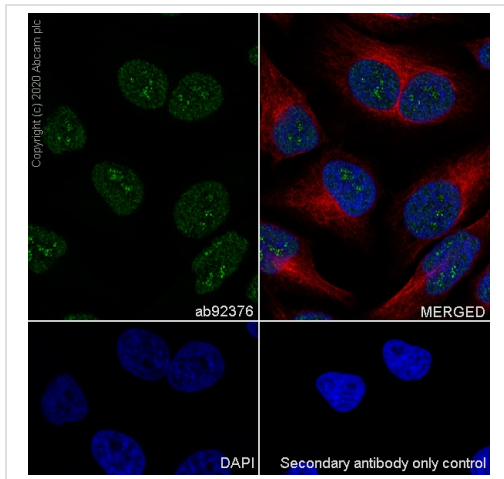
Lane 7 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysate

Secondary

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

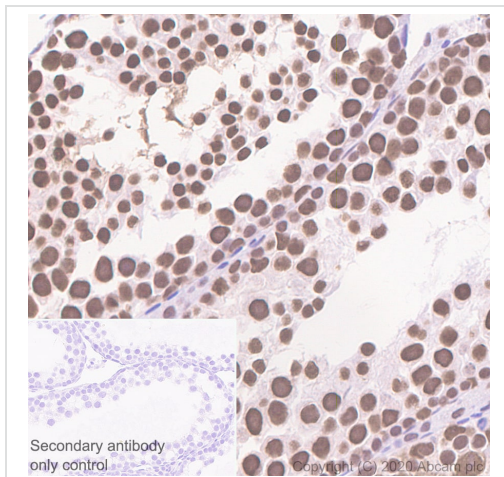
Predicted band size: 38 kDa

Observed band size: 36 kDa



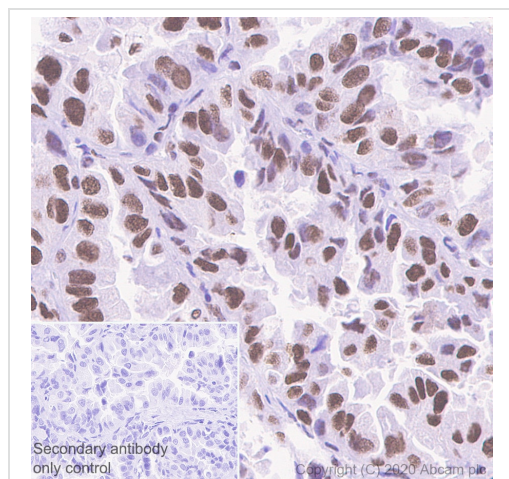
Immunocytochemistry/ Immunofluorescence - Anti-Cyclin H/p34 antibody [EPR3929] (ab92376)

Immunocytochemistry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling Cyclin H/p34 with Purified ab92376 at 1/50 dilution (2.6 µg/mL). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/mL). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1/1000 (2 µg/mL) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin H/p34 antibody [EPR3929] (ab92376)




Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse testis tissue sections labeling Cyclin H/p34 with Purified ab92376 at 1/50 dilution (2.6 µg/mL). Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0) . Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)) secondary antibody was used at 1/0 dilution. PBS instead of the primary antibody was used as the negative control. M3



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung carcinoma tissue sections labeling Cyclin H/p34 with Purified ab92376 at 1/50 dilution (2.6 µg/mL). Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0) . Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) secondary antibody was used at 1/0 dilution. PBS instead of the primary antibody was used as the negative control. M3

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin H/p34 antibody [EPR3929] (ab92376)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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