

Anti-Cyclin A2 antibody [Y193] ab32386

リコンビナント **RabMAb**

★★★★★ **7 Abreviews** **26 References** 画像数 7

製品の概要

製品名	Anti-Cyclin A2 antibody [Y193]
製品の詳細	Rabbit monoclonal [Y193] to Cyclin A2
由来種	Rabbit
アプリケーション	適用あり: IHC-P, IP, WB, ICC/IF
種交差性	交差種: Mouse, 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, HepG2, HEK293, NIH/3T3 cell lysates. IHC-P: Skin and colon carcinoma. ICC/IF: MCF7 cells. IP: 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>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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 49% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 Y193
アイソタイプ IgG

アプリケーション

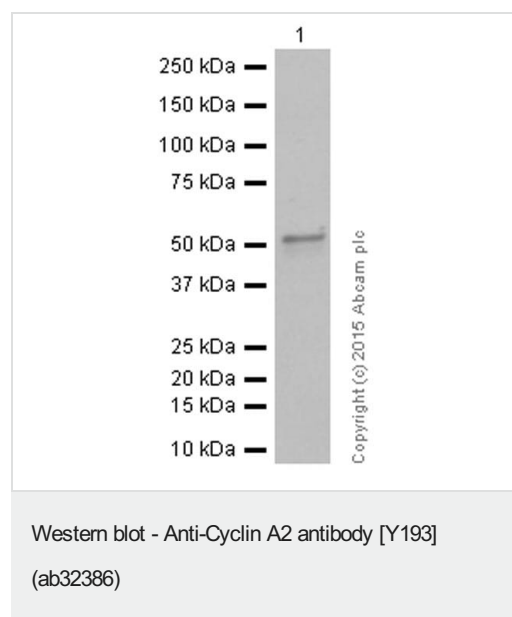
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab32386の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/40 - 1/50.
WB	★★★★★ (2)	1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 48 kDa). For unpurified, use 1/1000.
ICC/IF	★★★★★ (3)	1/100 - 1/250.

ターゲット情報

機能 Essential for the control of the cell cycle at the G1/S (start) and the G2/M (mitosis) transitions.
配列類似性 Belongs to the cyclin family. Cyclin AB subfamily.
発生段階 Accumulates steadily during G2 and is abruptly destroyed at mitosis.
細胞内局在 Nucleus. Cytoplasm. Cytoplasmic when associated with SCAPER.

画像



Anti-Cyclin A2 antibody [Y193] (ab32386) at 1/10000 dilution
(purified) + NIH/3T3 cell lysate at 20 µg

Secondary

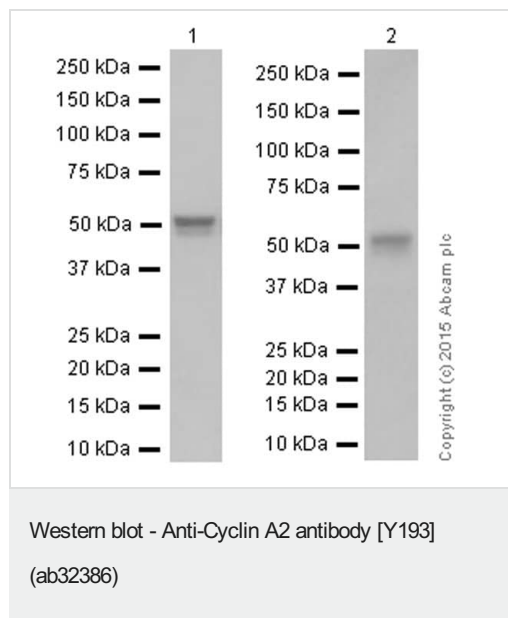
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 48 kDa

Observed band size: 55 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



All lanes : Anti-Cyclin A2 antibody [Y193] (ab32386) at 1/10000 dilution (purified)

Lane 1 : HepG2 cell lysate

Lane 2 : HEK293 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

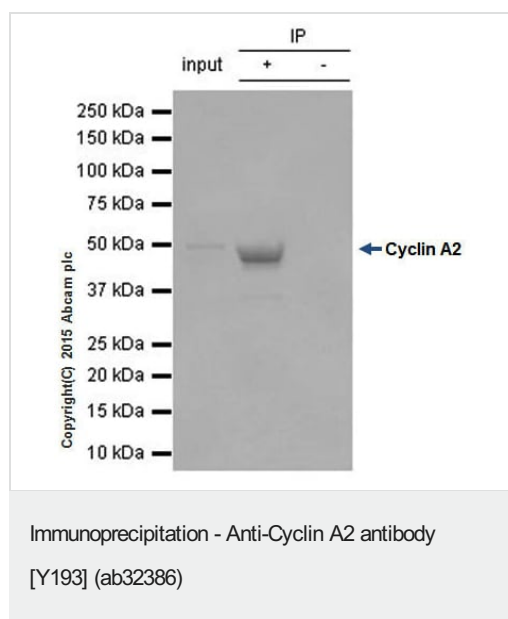
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 48 kDa

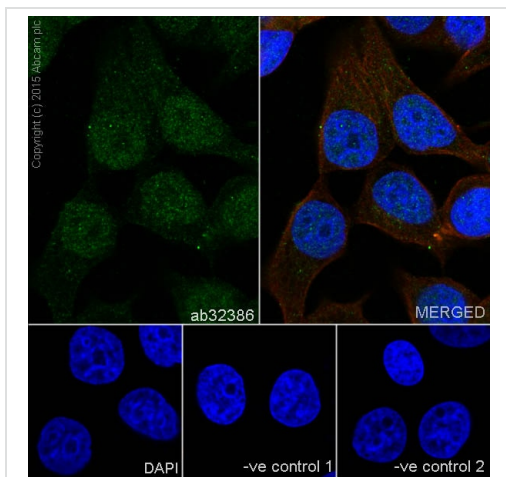
Observed band size: 55 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST

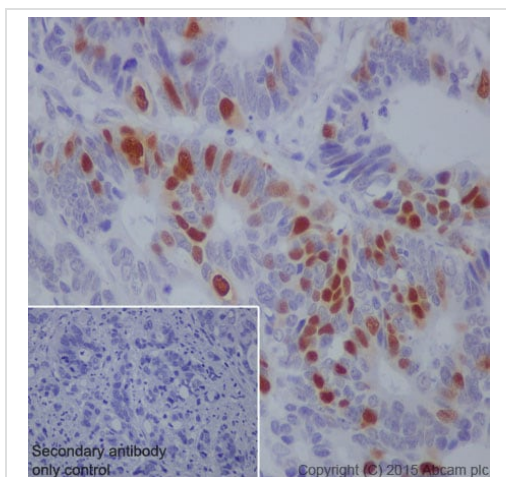


ab32386 (purified) at 1/40 immunoprecipitating Cyclin A2 in 10 µg HeLa cell lysate (Lanes 1 and 2, observed at 55 kDa). Lane 3 - Rabbit monoclonal IgG ([ab172730](#)). For western blotting, HRP Veriblot for IP Detection Reagent ([ab131366](#)) was used for detection (1/10 000). Blocking buffer and concentration: 5% NFDM/TBST Dilution buffer and concentration: 5% NFDM/TBST



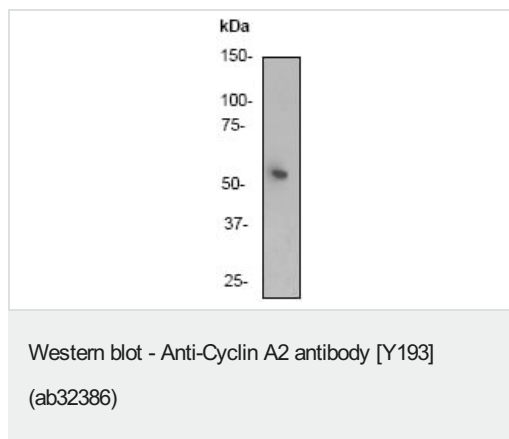
Immunocytochemistry/ Immunofluorescence - Anti-Cyclin A2 antibody [Y193] (ab32386)

Immunofluorescence staining of MCF7 cells with purified ab32386 at a working dilution of 1/100, 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 ab32386 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin A2 antibody [Y193] (ab32386)

Immunohistochemical staining of paraffin embedded human colon carcinoma with purified ab32386 at a working dilution of 1/500. The secondary antibody used is **ab97051**, a goat anti-rabbit IgG (H&L) at a dilution of 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.







Anti-Cyclin A2 antibody [Y193] (ab32386) at 1/1000 dilution
(unpurified) + HeLa cell lysate

Predicted band size: 48 kDa

Observed band size: 55 kDa

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>

Anti-Cyclin A2 antibody [Y193] (ab32386)

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