

Anti-Cyclin A2 antibody [Y193] - BSA and Azide free ab167392

リコンビナント RabMAb

画像数 4

製品の概要

製品名	Anti-Cyclin A2 antibody [Y193] - BSA and Azide free
製品の詳細	Rabbit monoclonal [Y193] to Cyclin A2 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, IP, ICC/IF, IHC-P
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 cell lysate.
特記事項	<p>ab167392 is the carrier-free version of ab32386.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	Constituent: PBS
キャリア・フリー	はい

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

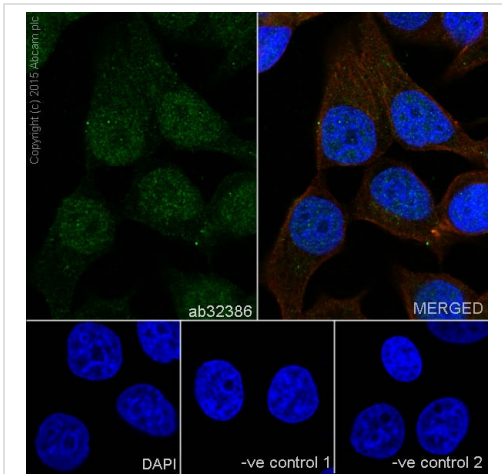
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab167392の使用に適用されず
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 55 kDa (predicted molecular weight: 49 kDa).
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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.

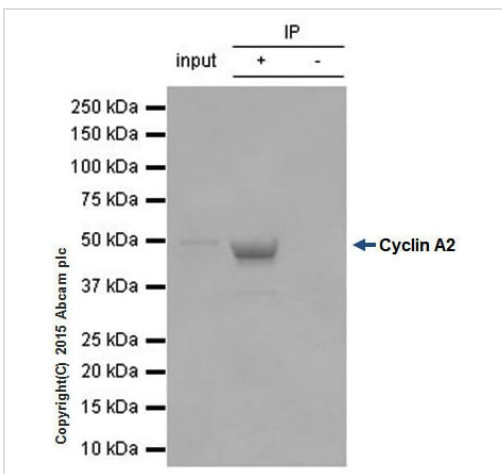
画像



Immunocytochemistry/ Immunofluorescence - Anti-Cyclin A2 antibody [Y193] - BSA and Azide free (ab167392)

This ICC data was generated using the same anti-Cyclin A2 antibody clone, Y193, in a different buffer formulation (cat# **ab32386**).

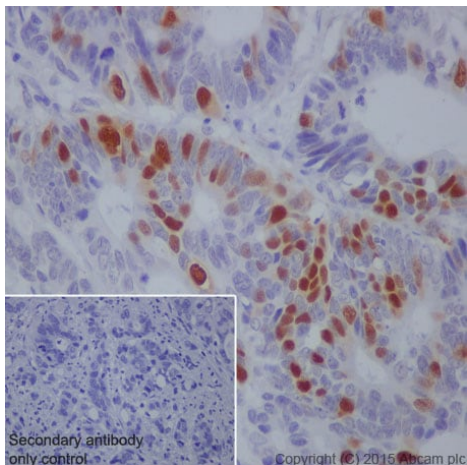
Immunofluorescence staining of MCF7 cells with purified **ab32386** at a working dilution of 1/100, counter-stained with DAPI. The secondary antibody was Alexa Fluor® 488 goat anti-rabbit (**ab150077**), used at a dilution of 1/1000. **ab7291**, a mouse anti-tubulin antibody (1/1000), was used to stain 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.



Immunoprecipitation - Anti-Cyclin A2 antibody [Y193] - BSA and Azide free (ab167392)

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, VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10,000 dilution. Blocking buffer and concentration: 5% NFDm/TBST Dilution buffer and concentration: 5% NFDm/TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32386**).



This IHC data was generated using the same anti-Cyclin A2 antibody clone, Y193, in a different buffer formulation (cat# **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.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin A2 antibody [Y193] - BSA and Azide free (ab167392)

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

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