

Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free ab247754

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** 画像数 9

製品の概要

製品名	Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR2876(2)] to RPA32/RPA2 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), ChIC/CUT&RUN-seq, ICC/IF, IHC-P, WB 適用なし: IP
種交差性	交差種: Rat, 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, HUVEC, HepG2, and MCF7 cell lysates. IHC-P: Human colon and Human ovary carcinoma tissues. ICC/IF: C6 and HeLa cells. Flow Cyt (intra): C6 and HeLa cells. ChIC/CUT&RUN-Seq: HeLa cells.
特記事項	<p>ab247754 is the carrier-free version of ab109084.</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>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</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

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	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Affinity purified
ポリ/モノ	モノクローナル
クローン名	EPR2876(2)
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ab247754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
Flow Cyt (Intra)		Use at an assay dependent concentration.
ChIC/CUT&RUN-seq		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 citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.
WB		Use at an assay dependent concentration. Predicted molecular weight: 29 kDa.

追加情報 Is unsuitable for IP.

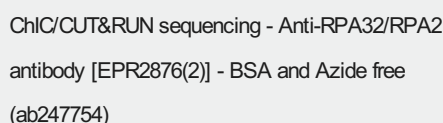
ターゲット情報

機能 Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions.
Functions as component of the alternative replication protein A complex (aRPA). aRPA binds single-stranded DNA and probably plays a role in DNA repair; it does not support chromosomal

翻訳後修飾

細胞内局在

画像



The University of Geneva owns patents relevant to ChIC (Chromatin Immuno-Cleavage) methods.

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ab109084

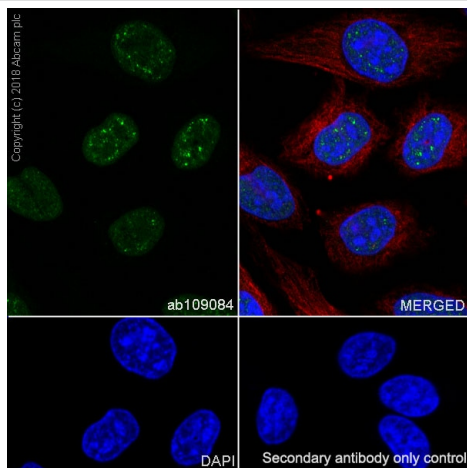
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DAPI

Secondary antibody only control

This data was developed using **ab109084**, the same antibody clone in a different buffer formulation.

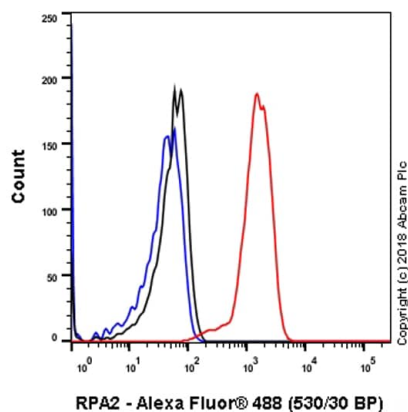
3



Immunocytochemistry/ Immunofluorescence - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

This data was developed using **ab109084**, the same antibody clone in a different buffer formulation.

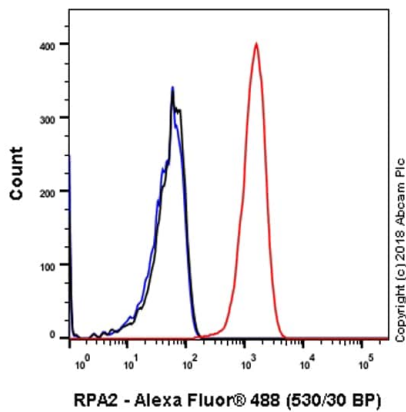
Immunocytochemistry/ Immunofluorescence analysis of HeLa (human cervix adenocarcinoma epithelial cell) cells labeling RPA32/RPA2 with purified **ab109084** at 1:50 (9.34 µg/ml). Cells were fixed in 100% Methanol and permeabilized with None. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [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 nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

This data was developed using **ab109084**, the same antibody clone in a different buffer formulation.

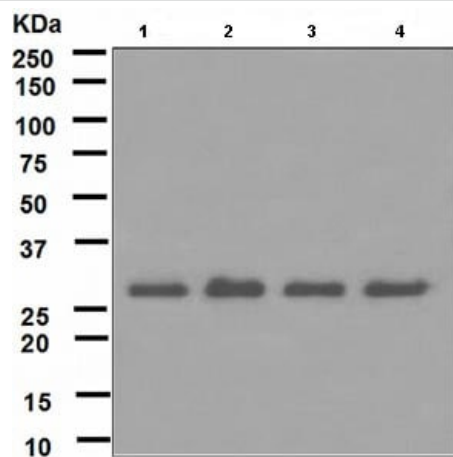
Intracellular Flow Cytometry analysis of C6 (rat glial tumor glial cell) cells labeling RPA32/RPA2 with purified **ab109084** at 1/460 dilution (1.01 µg/ml) - Red. Cells were fixed with 4% paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (**ab172730**) - Black. Unlabeled control - Blue. Untreated cells - Green



Flow Cytometry (Intracellular) - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

This data was developed using [ab109084](#), the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma epithelial cell) cells labeling RPA32/RPA2 with purified [ab109084](#) at 1/460 dilution (1.01 µg/ml) - Red. Cells were fixed with 4% paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG ([ab172730](#)) - Black. Unlabeled control - Blue. Untreated cells - Green



Western blot - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

All lanes : Anti-RPA32/RPA2 antibody [EPR2876(2)] ([ab109084](#)) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HUVEC cell lysate

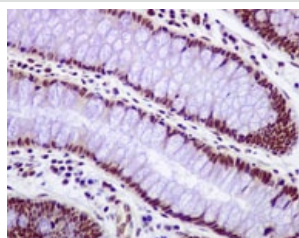
Lane 3 : HepG2 cell lysate

Lane 4 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

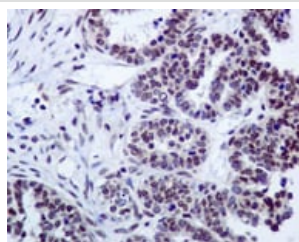
Predicted band size: 29 kDa

This data was developed using [ab109084](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

This data was developed using [ab109084](#), the same antibody clone in a different buffer formulation. [ab109084](#) at 1/250 dilution staining RPA32/RPA2 in Human colon by Immunohistochemistry, Paraffin-embedded tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

This data was developed using **ab109084**, the same antibody clone in a different buffer formulation. **ab109084** at 1/250 dilution staining RPA32/RPA2 in Human ovary carcinoma by Immunohistochemistry, Paraffin-embedded tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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-RPA32/RPA2 antibody [EPR2876(2)] - BSA and Azide free (ab247754)

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