

Anti-Apo-H antibody [EPR23087-228] ab267464

リコンビナント RabMAb

画像数 8

製品の概要

製品名	Anti-Apo-H antibody [EPR23087-228]
製品の詳細	Rabbit monoclonal [EPR23087-228] to Apo-H
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF, IP, Flow Cyt (Intra)
種交差性	交差種: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HepG2, Human liver and Human plasma lysates. IHC-P: Human colon and Human hepatocellular carcinoma. tissues. ICC/IF: HepG2 cells. Flow Cyt (intra): HepG2 cells. IP: HepG2 cells.
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>

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 long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 0.05% BSA, 40% Glycerol</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR23087-228

アプリケーション

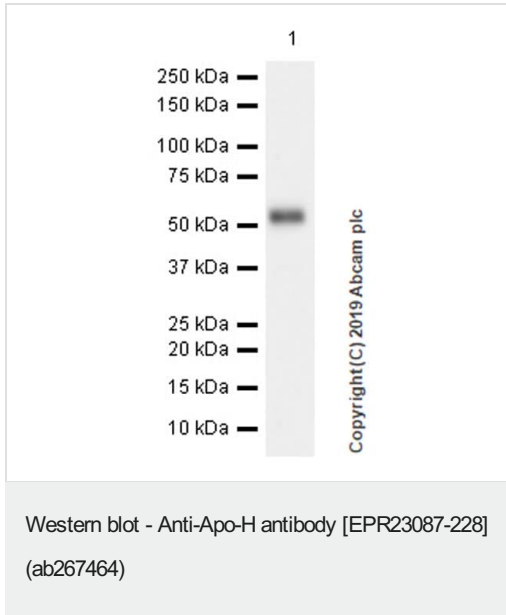
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab267464の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 50, 60 kDa (predicted molecular weight: 38 kDa).
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/100.
IP		1/30.
Flow Cyt (Intra)		1/500.

ターゲット情報

機能	Binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. May prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells.
組織特異性	Expressed by the liver and secreted in plasma.
配列類似性	Contains 4 Sushi (CCP/SCR) domains.
翻訳後修飾	N- and O-glycosylated. PubMed:6587378 also reports glycosylation on 'Asn-188' for their allele.
細胞内局在	Secreted.

画像



Anti-Apo-H antibody [EPR23087-228] (ab267464) at 1/1000 dilution + Human plasma at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

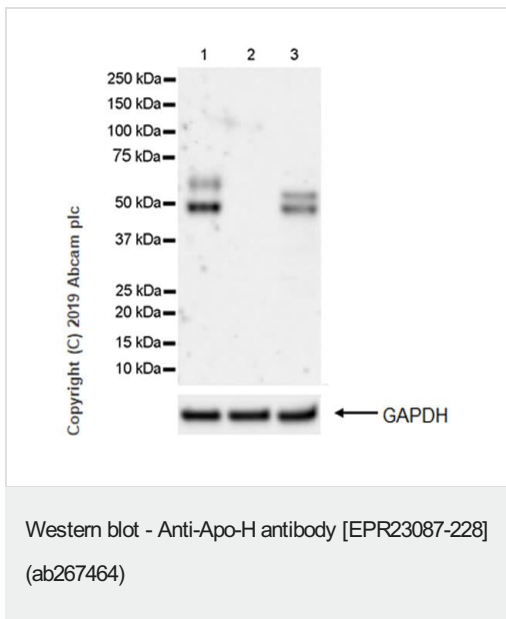
Predicted band size: 38 kDa

Observed band size: 50 kDa

Blocking and dilution buffer: 5% NFDM/TBST.

Exposure time: 180 seconds.

The molecular weight observed is consistent with what has been described in the literature (PMID: 30894461).



All lanes : Anti-Apo-H antibody [EPR23087-228] (ab267464) at 1/1000 dilution

Lane 1 : HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysate

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

Lane 3 : Human liver lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 38 kDa

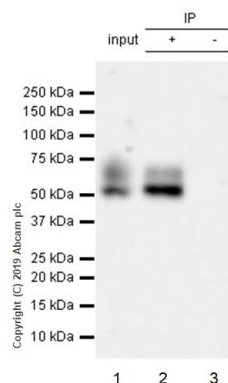
Observed band size: 50,60 kDa

Blocking and dilution buffer: 5% NFDM/TBST.

Exposure time: 147 seconds.

The molecular weight observed is consistent with what has been described in the literature (PMID: 30894461)

Negative control: Hela (PMID: 14984368).



Immunoprecipitation - Anti-Apo-H antibody
[EPR23087-228] (ab267464)

Apo-H was immunoprecipitated from 0.35 mg HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysate with ab267464 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab267464 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/1000 dilution.

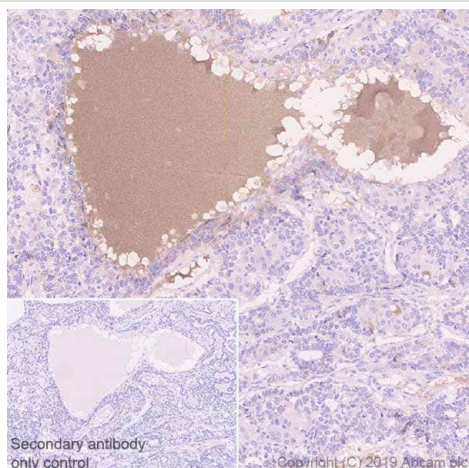
Lane 1: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysate 10ug

Lane 2: ab267464 IP in HepG2 whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab267464 in HepG2 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 30 seconds

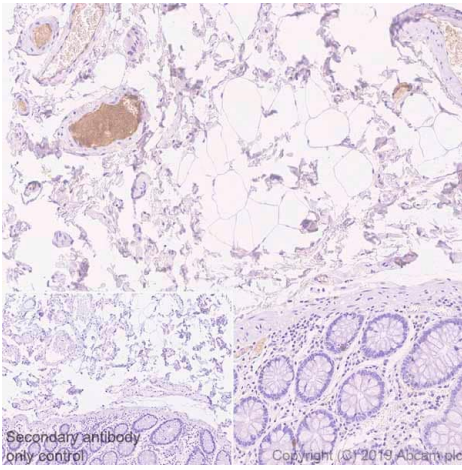


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-H antibody
[EPR23087-228] (ab267464)

Immunohistochemical analysis of paraffin-embedded Human hepatocellular carcinoma tissue labeling Apo-H with ab267464 at 1/500 dilution (0.94 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining on plasma in human hepatocellular carcinoma. The section was incubated with ab267464 for 15 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

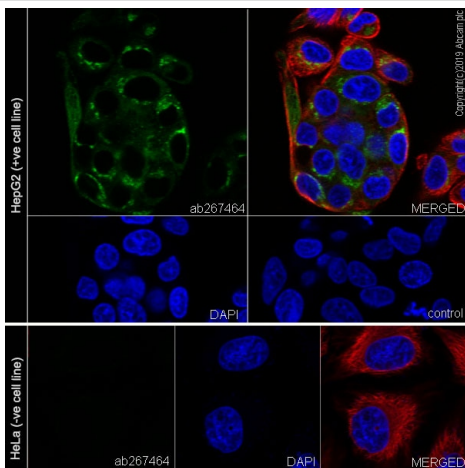


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-H antibody [EPR23087-228] (ab267464)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling Apo-H with ab267464 at 1/500 dilution (0.94 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining on plasma in human colon. The section was incubated with ab267464 for 15 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

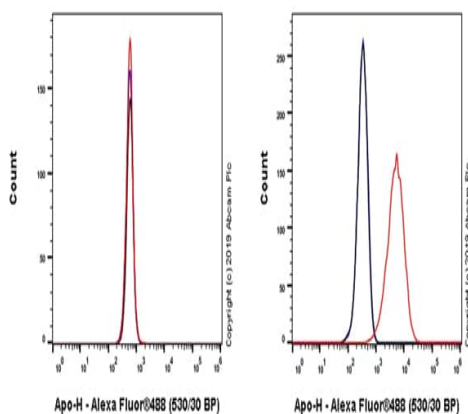
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.



Immunocytochemistry/ Immunofluorescence - Anti-Apo-H antibody [EPR23087-228] (ab267464)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HepG2 (human hepatocellular carcinoma epithelial cell) cells labelling Apo-H with ab267464 at 1/100 dilution, followed by [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic staining in HepG2 cell line, and no staining in HeLa cells. **Negative control:** HeLa (PMID: 14984368). [ab195889](#) Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 dilution.



Flow Cytometry (Intracellular) - Anti-Apo-H antibody [EPR23087-228] (ab267464)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed, 90% methanol permeabilized HeLa (human cervix adenocarcinoma epithelial cell, Left) / HepG2 (human hepatocellular carcinoma epithelial cell, Right) cells labelling Apo-H with ab267464 at 1/500 dilution (Red) compared with a Rabbit monoclonal IgG ([ab172730](#)) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/2000 dilution was used as the secondary antibody.

Negative control: HeLa (PMID: 14984368).

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-Apo-H antibody [EPR23087-228] (ab267464)

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