

Anti-Apo-H antibody [EPR23087-228] - BSA and Azide free ab267790

重组 RabMAb

6 图像

概述

产品名称	Anti-Apo-H抗体[EPR23087-228] - BSA and Azide free
描述	兔单克隆抗体[EPR23087-228] 到 Apo-H - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF, IP, Flow Cyt (Intra)
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	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.
常规说明	<p>ab267790 is the carrier-free version of ab267464.</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 monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR23087-228
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab267790于以下的经测试应用

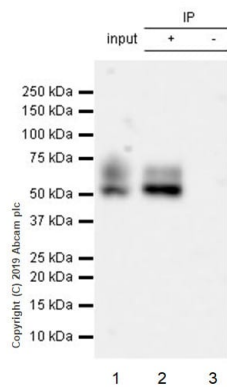
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 50, 60 kDa (predicted molecular weight: 38 kDa).
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.
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.

靶标

功能	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.
组织特异性	Expressed by the liver and secreted in plasma.
序列相似性	Contains 4 Sushi (CCP/SCR) domains.
翻译后修饰	N- and O-glycosylated. PubMed:6587378 also reports glycosylation on 'Asn-188' for their allele.
细胞定位	Secreted.

图片



Immunoprecipitation - Anti-Apo-H antibody
[EPR23087-228] - BSA and Azide free (ab267790)

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

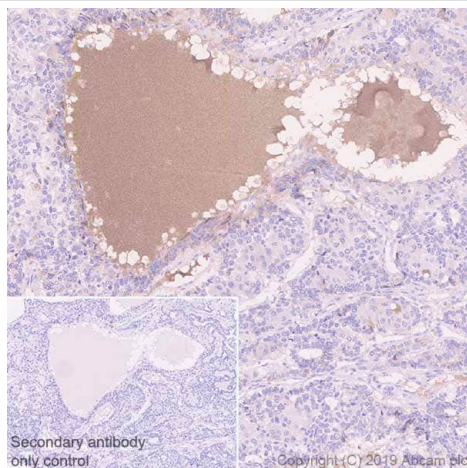
Lane 2: **ab267464** IP in HepG2 whole cell lysate

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

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab267464**).



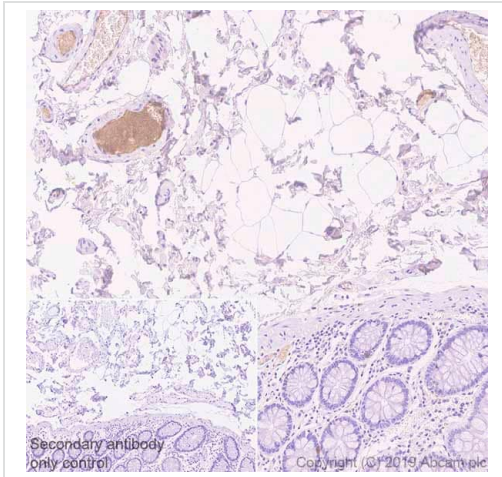
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-H antibody
[EPR23087-228] - BSA and Azide free (ab267790)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab267464**).



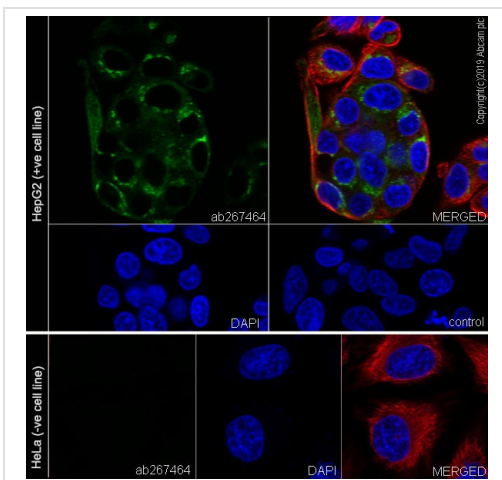
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-H antibody [EPR23087-228] - BSA and Azide free (ab267790)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab267464**).

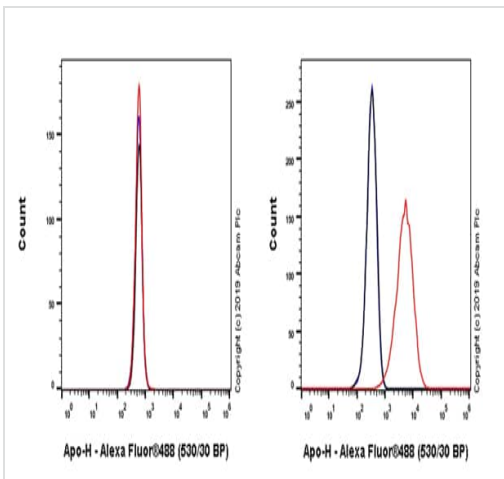


Immunocytochemistry/ Immunofluorescence - Anti-Apo-H antibody [EPR23087-228] - BSA and Azide free (ab267790)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab267464**).



Flow Cytometry (Intracellular) - Anti-Apo-H antibody [EPR23087-228] - BSA and Azide free (ab267790)

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).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab267464**).

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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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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