

Anti-Fibrinogen beta chain antibody [EPR18145-84] ab189490

リコンビナント RabMAb[®]

7 References [画像数 7](#)

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-Fibrinogen beta chain antibody [EPR18145-84] |
| 製品の詳細 | Rabbit monoclonal [EPR18145-84] to Fibrinogen beta chain |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, IHC-P |
| 種交差性 | 交差種: Mouse, Rat, 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: Human liver tissue lysate and plasma; rat liver, platelets and plasma; mouse liver and plasma; HepG2 and Hepa1-6 whole cell lysate. IHC-P: Mouse liver and spleen tissue; rat liver and spleen tissue. |
| 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

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|-------|---|
| 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 | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), PBS |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR18145-84 |

アプリケーション

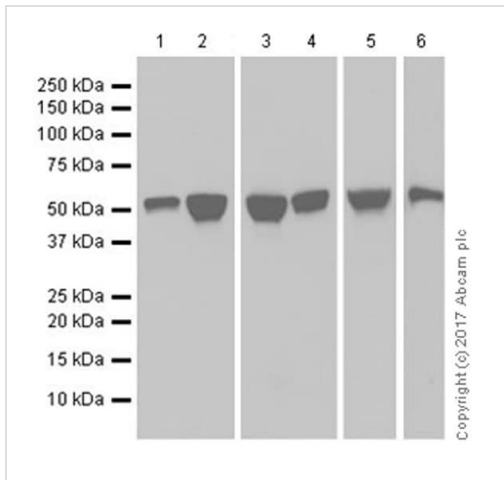
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab189490の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | | 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa). |
| IHC-P | | 1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. This antibody is not recommended for human species in IHC application due to nonspecific staining on human stromal cells. |

ターゲット情報

| | |
|-------|---|
| 機能 | Fibrinogen has a double function: yielding monomers that polymerize into fibrin and acting as a cofactor in platelet aggregation. |
| 関連疾患 | Defects in FGB are a cause of congenital afibrinogenemia (CAFBN) [MIM:202400]. This rare autosomal recessive disorder is characterized by bleeding that varies from mild to severe and by complete absence or extremely low levels of plasma and platelet fibrinogen. Note=Patients with congenital fibrinogen abnormalities can manifest different clinical pictures. Some cases are clinically silent, some show a tendency toward bleeding and some show a predisposition for thrombosis with or without bleeding. |
| 配列類似性 | Contains 1 fibrinogen C-terminal domain. |
| ドメイン | A long coiled coil structure formed by 3 polypeptide chains connects the central nodule to the C-terminal domains (distal nodules). The long C-terminal ends of the alpha chains fold back, contributing a fourth strand to the coiled coil structure. |
| 翻訳後修飾 | Conversion of fibrinogen to fibrin is triggered by thrombin, which cleaves fibrinopeptides A and B from alpha and beta chains, and thus exposes the N-terminal polymerization sites responsible for the formation of the soft clot. The soft clot is converted into the hard clot by factor XIIIa which catalyzes the epsilon-(gamma-glutamyl)lysine cross-linking between gamma chains (stronger) and between alpha chains (weaker) of different monomers. |
| 細胞内局在 | Secreted. |

画像



Western blot - Anti-Fibrinogen beta chain antibody
[EPR18145-84] (ab189490)

All lanes : Anti-Fibrinogen beta chain antibody [EPR18145-84]
(ab189490) at 1/1000 dilution

Lane 1 : Human liver lysate

Lane 2 : Human plasma

Lane 3 : Rat plasma

Lane 4 : Rat platelet lysate

Lane 5 : Mouse plasma

Lane 6 : Rat liver lysate

Lysates/proteins at 20 µg per lane.

Secondary

Lanes 1-2 : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#))
at 1/4000 dilution

Lanes 3-6 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at
1/100000 dilution

Developed using the ECL technique.

Predicted band size: 55 kDa

Observed band size: 55 kDa

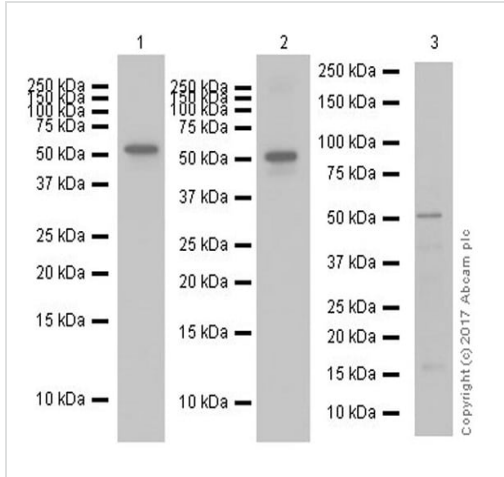
Blocking and dilution buffer: 5% NFDM/TBST

Exposure times:

Lanes 1-4: 3 seconds

Lane 5: 2 seconds

Lane 6: 1 minute



Western blot - Anti-Fibrinogen beta chain antibody [EPR18145-84] (ab189490)

All lanes : Anti-Fibrinogen beta chain antibody [EPR18145-84] (ab189490) at 1/1000 dilution

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

Lane 2 : Rat liver lysate

Lane 3 : Hepa1-6 (mouse hepatoma epithelial cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Developed using the ECL technique.

Predicted band size: 55 kDa

Observed band size: 55 kDa

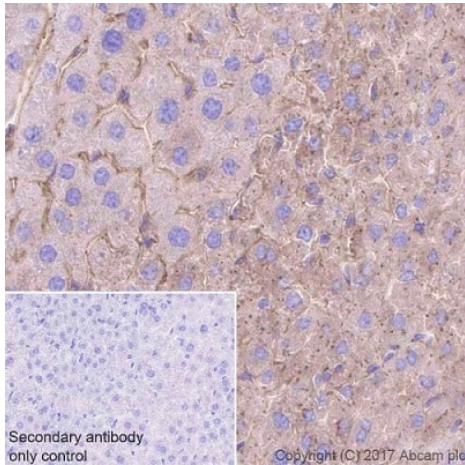
Blocking and dilution buffer: 5% NFDm/TBST

Exposure times:

Lane 1: 3 seconds

Lane 2: 1 second

Lane 3: 3 minutes

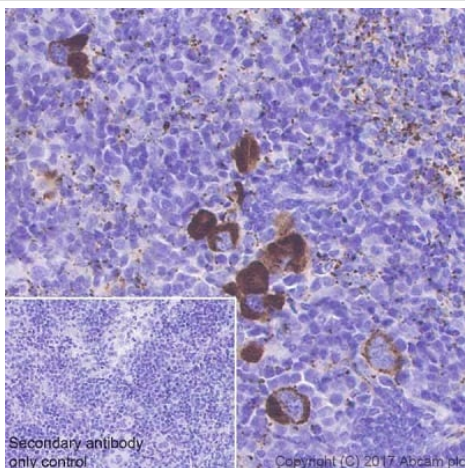


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibrinogen beta chain antibody [EPR18145-84] (ab189490)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling Fibrinogen beta with ab189490 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining on hepatocytes and blood vessels of mouse liver (PMID: 10467729; PMID: 3778466) is observed. Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

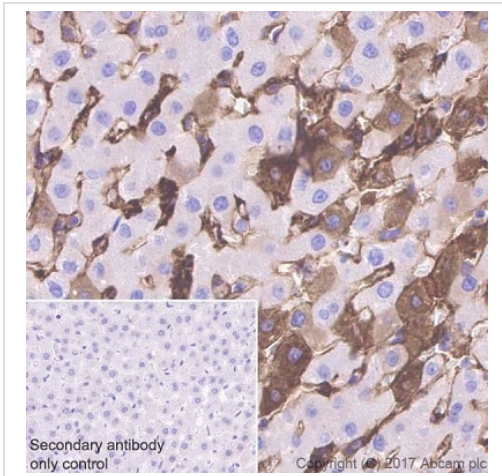


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibrinogen beta chain antibody [EPR18145-84] (ab189490)

Immunohistochemical analysis of paraffin-embedded mouse spleen tissue labeling Fibrinogen beta with ab189490 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining on hepatocytes and blood vessels of mouse liver (PMID: 3778466) is observed. Counter stained with hematoxylin.

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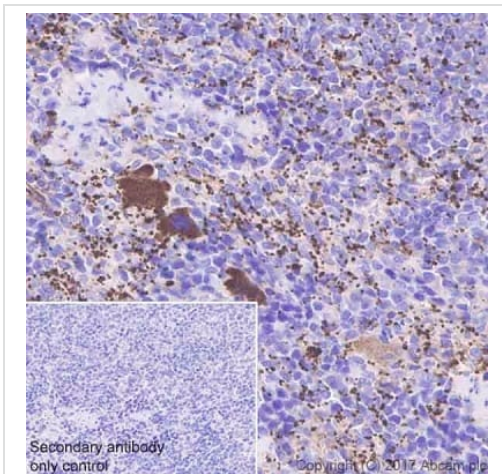


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibrinogen beta chain antibody [EPR18145-84] (ab189490)

Immunohistochemical analysis of paraffin-embedded rat liver tissue labeling Fibrinogen beta with ab189490 at 1/4000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Positive staining on hepatocytes and blood vessels of mouse liver (PMID: 10467729; PMID: 3778466) is observed. Counter stained with hematoxylin.

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Anti-Fibrinogen beta chain antibody [EPR18145-84]
(ab189490)

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