

# Anti-Fibrinogen beta chain antibody [EPR3082] ab92510

重组 RabMAb

### 3 图像

#### 概述

产品名称	Anti-Fibrinogen beta chain抗体[EPR3082]
描述	兔单克隆抗体[EPR3082] to Fibrinogen beta chain
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P <b>不适用于:</b> IP
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide within Human Fibrinogen beta chain aa 150-250. The exact sequence is proprietary.
阳性对照	WB: Human prostate and Human plasma lysates IHC-P: Human liver tissue
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EPR3082
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab92510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		
IHC-P		

### 应用说明

ICC: 1/100.  
 IHC-P: 1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.  
 WB: 1/5000 - 1/10000. Predicted molecular weight: 56 kDa.

Is unsuitable for IP.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

## 靶标

### 功能

Fibrinogen has a double function: yielding monomers that polymerize into fibrin and acting as a cofactor in platelet aggregation.

### 疾病相关

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.

### 序列相似性

Contains 1 fibrinogen C-terminal domain.

### 结构域

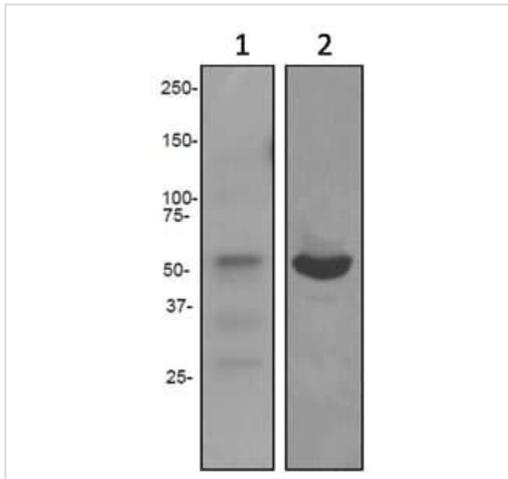
A long coiled coil structure formed by 3 polypeptide chains connects the central nodule to the C-terminal domains (distal nodules). The long C-terminal ends of the alpha chains fold back, contributing a fourth strand to the coiled coil structure.

### 翻译后修饰

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.

### 细胞定位

Secreted.



Western blot - Anti-Fibrinogen beta chain antibody [EPR3082] (ab92510)

**All lanes** : Anti-Fibrinogen beta chain antibody [EPR3082] (ab92510) at 1/5000 dilution

**Lane 1** : Human prostate lysate

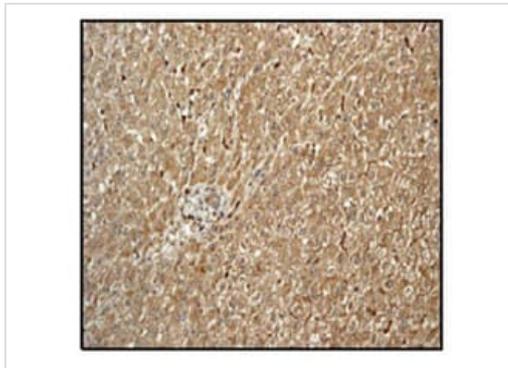
**Lane 2** : Human plasma lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 56 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibrinogen beta chain antibody [EPR3082] (ab92510)

ab92510, at a 1/50 dilution, staining Fibrinogen beta chain in formalin fixed, paraffin embedded Human liver tissue by Immunohistochemistry. Detection: by DAB staining

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> 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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