

Anti-Fibrinogen gamma chain antibody [EPR3084] ab92481

重组 RabMAb

1 References **3 图像**

概述

产品名称	Anti-Fibrinogen gamma chain抗体[EPR3084]
描述	兔单克隆抗体[EPR3084] to Fibrinogen gamma chain
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human plasma lysate 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"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . 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. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆

克隆编号EPR3084

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92481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

IHC-P: 1/100 - 1/250. Heat mediated antigen retrieval is recommended before commencing with IHC staining protocol. HRP/AP polymerized antibody is recommended for use as a secondary antibody.
WB: 1/500 - 1/1000. Predicted molecular weight: 52 kDa.

Is unsuitable for Flow Cyt or 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 FGG are a cause of thrombophilia.
Defects in FGG are a cause of congenital afibrinogenemia (CAFBN) [MIM:202400]. It is a rare autosomal recessive disorder characterized by complete absence of detectable fibrinogen.

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.

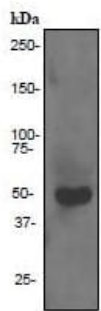
翻译后修饰

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.
Sulfation of C-terminal tyrosines increases affinity for thrombin.

细胞定位

Secreted.

图片



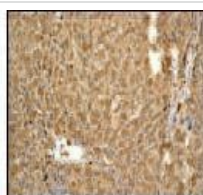
Western blot - Anti-Fibrinogen gamma chain antibody [EPR3084] (ab92481)

Anti-Fibrinogen gamma chain antibody [EPR3084] (ab92481) at 1/500 dilution + Human plasma lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 52 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fibrinogen gamma chain antibody [EPR3084] (ab92481)

ab92481, at a 1/100 dilution, staining Fibrinogen gamma chain in paraffin embedded Human liver tissue by Immunohistochemistry.

Heat mediated antigen retrieval was performed 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-Fibrinogen gamma chain antibody [EPR3084] (ab92481)

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

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