

Anti-Fibrinogen gamma chain antibody [5A6] ab119948

★★★★★ [1 Abreviews](#) [8 References](#) [3 图像](#)

概述

产品名称	Anti-Fibrinogen gamma chain抗体[5A6]
描述	小鼠单克隆抗体[5A6] to Fibrinogen gamma chain
宿主	Mouse
经测试应用	适用于: WB, ELISA, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment, corresponding to amino acids 210-437 of Human Fibrinogen gamma chain
阳性对照	Recombinant Fibrinogen gamma chain protein, NIH3T3 cells
常规说明	<p>This product was changed from ascites to supernatant. Lot no's high than GR240839-12 are from Tissue Culture Supernatant</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Purified from tissue culture supernatant.
克隆	单克隆
克隆编号	5A6
同种型	IgG2b

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab119948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	★★★★★ (1)	1/500 - 1/2000. Predicted molecular weight: 52 kDa.
ELISA		1/10000.
ICC/IF		1/200 - 1/1000.

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.

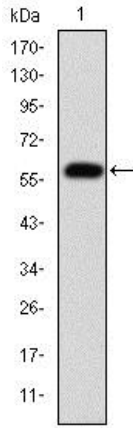
序列相似性 Contains 1 fibrinogen C-terminal domain.

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.

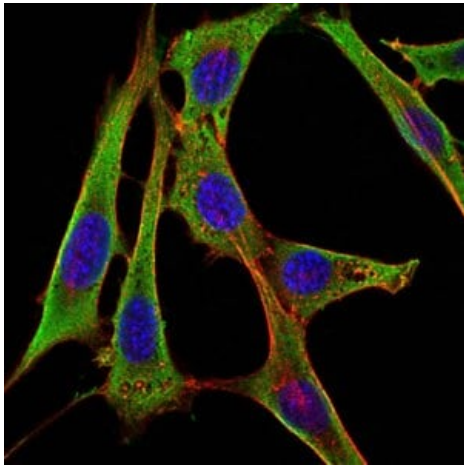
图片



Western blot - Anti-Fibrinogen gamma chain antibody [5A6] (ab119948)

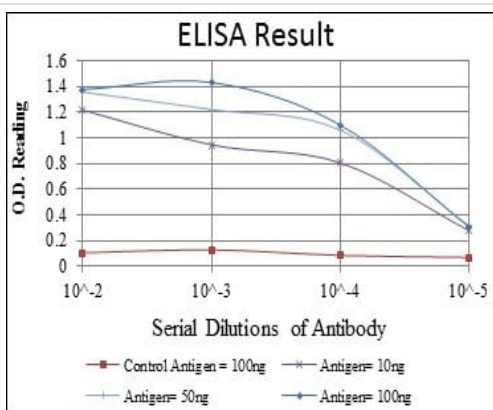
Anti-Fibrinogen gamma chain antibody [5A6] (ab119948) at 1/500 dilution + Recombinant Fibrinogen gamma chain protein

Predicted band size: 52 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Fibrinogen gamma chain antibody [5A6] (ab119948)

Immunofluorescence analysis of NIH3T3 cells using ab119948 at a dilution of 1/200 (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



ELISA - Anti-Fibrinogen gamma chain antibody [5A6] (ab119948)

ELISA, using ab119948 at a dilution of 1/10000.

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