

Recombinant Anti-Fibrinogen gamma Rabbit mAb

Catalog # AP95222

Product Information

Application	WB, FC
Primary Accession	P02679
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	51512

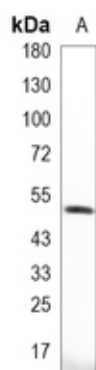
Additional Information

Gene ID	2266
Other Names	Fibrinogen gamma chain
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Fibrinogen gamma protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FGG
Function	Together with fibrinogen alpha (FGA) and fibrinogen beta (FGB), polymerizes to form an insoluble fibrin matrix. Has a major function in hemostasis as one of the primary components of blood clots. In addition, functions during the early stages of wound repair to stabilize the lesion and guide cell migration during re- epithelialization. Was originally thought to be essential for platelet aggregation, based on in vitro studies using anticoagulated blood. However, subsequent studies have shown that it is not absolutely required for thrombus formation in vivo. Enhances expression of SELP in activated platelets via an ITGB3-dependent pathway. Maternal fibrinogen is essential for successful pregnancy. Fibrin deposition is also associated with infection, where it protects against IFNG-mediated hemorrhage. May also facilitate the antibacterial immune response via both innate and T-cell mediated pathways.
Cellular Location	Secreted
Tissue Location	Detected in blood plasma (at protein level).

Images



Western blot analysis of Fibrinogen gamma expression in human plasma (A) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 52 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.