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Anti-FGB / Fibrinogen Beta Chain Antibody (aa177-190)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17933

Product Information

Application	WB, IHC-P, E
Primary Accession	P02675
Predicted	Human, Monkey, Pig, Horse
Host	Goat
Clonality	Polyclonal
Calculated MW	55928
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	2244
Alias Symbol	FGB
Other Names	FGB, Fibrinogen, B beta polypeptide, Fibrinogen beta chain
Target/Specificity	Human FGB. This antibody is expected to recognize both reported isoforms (NP_005132.2; NP_001171670.1).
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-FGB / Fibrinogen Beta Chain Antibody (aa177-190) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FGB
Function	Cleaved by the protease thrombin to yield monomers which, together with fibrinogen alpha (FGA) and fibrinogen gamma (FGG), polymerize to form an insoluble fibrin matrix. Fibrin 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. 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).

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