Rabbit anti-Human Fibrinogen gamma Chain Monoclonal Antibody | anti-FGG antibody

Fibrinogen gamma Chain Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312665	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Fibrinogen gamma Chain; Monoclonal Antibody; Fibrinogen gamma Chain Antibody; FGG antibody; FIBG_HUMAN antibody; Fibrinogen gamma chain antibody; Fibrinogen gamma polypeptide antibody; fibrinogen gamma-b chain antibody; anti-FGG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG37-18
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FGG antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells with Fibrinogen gamma chain antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Fibrinogen gamma chain antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of Fibrinogen gamma chain on human plasma using anti-Fibrinogen gamma chain at 1/5, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FGG antibody	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.
Product Categories/Family for anti-FGG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	70906437
NCBI GeneID	2266
NCBI Accession #	NP_000500.2
NCBI GenBank Nucleotide #	NM_000509.5
UniProt Accession #	P02679; P04469; P04470; Q53Y18; Q96A14; Q96KJ3; Q9UC62; Q9UC63; Q9UCF3; A8K057
Molecular Weight	49,497 Da
NCBI Official Full Name	fibrinogen gamma chain isoform gamma-A
NCBI Official Synonym Full Names	fibrinogen gamma chain
NCBI Official Symbol	FGG
NCBI Protein Information	fibrinogen gamma chain
UniProt Protein Name	Fibrinogen gamma chain
UniProt Gene Name	**FGG**
UniProt Entry Name	FIBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fibrinogen-gamma-chain-antibody-clone-jg37-18-flow-cytometry-immunohistochemistry-western-blot-elisa/312665