

**Fibrinogen gamma chain Antibody**  
**Rabbit mAb**  
**Catalog # AP91849**

**Specification**

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**Fibrinogen gamma chain Antibody - Product Information**

Application	WB, FC
Primary Accession	<a href="#">P02679</a>
Clonality	Monoclonal
<b>Other Names</b>	
FGG; Fibrinogen gamma chain;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51512 Da

**Fibrinogen gamma chain Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Fibrinogen gamma chain</b>
Description	<b>Fibrinogen has a double function: yielding monomers that polymerize into fibrin and acting as a cofactor in platelet aggregation.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Fibrinogen gamma chain Antibody - 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

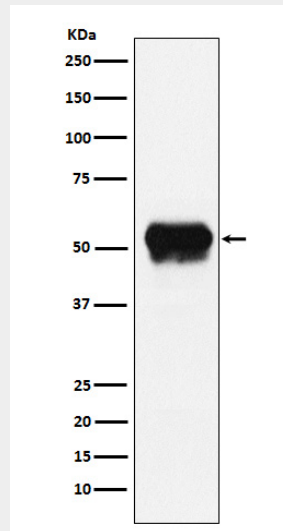
Detected in blood plasma (at protein level).

### Fibrinogen gamma chain Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Fibrinogen gamma chain Antibody - Images



Western blot analysis of Fibrinogen gamma chain expression in Human plasma lysate.