

**Product Name: Fibrinogen gamma chain (3Z7) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe10971**

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## Summary

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Production Name</b> | Fibrinogen gamma chain (3Z7) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody                              |
| <b>Host</b>            | Rabbit                                                  |
| <b>Application</b>     | WB,IHC-P,IF-P                                           |
| <b>Reactivity</b>      | Human                                                   |

## Performance

|                     |                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                                                                                                 |
| <b>Modification</b> | Unmodified                                                                                                                                                                                   |
| <b>Isotype</b>      | IgG                                                                                                                                                                                          |
| <b>Clonality</b>    | Monoclonal                                                                                                                                                                                   |
| <b>Form</b>         | Liquid                                                                                                                                                                                       |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                     |
| <b>Buffer</b>       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Purification</b> | Affinity purification                                                                                                                                                                        |

## Immunogen

|                          |                              |
|--------------------------|------------------------------|
| <b>Gene Name</b>         | FGG                          |
| <b>Alternative Names</b> | FGG; Fibrinogen gamma chain; |
| <b>Gene ID</b>           | 2266.0                       |
| <b>SwissProt ID</b>      | P02679.                      |

## Application

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>Dilution Ratio</b>   | WB 1:1000, IHC-P/IF-P 1:100-1:200 |
| <b>Molecular Weight</b> | 52kDa                             |

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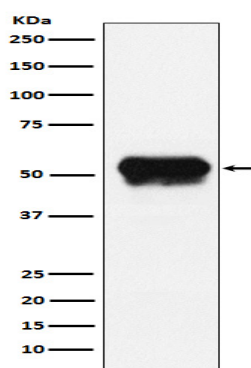


## Background

Fibrinogen has a double function: yielding monomers that polymerize into fibrin and acting as a cofactor in platelet aggregation. 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.

## Research Area

## Image Data



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

## Note

For research use only.