

## Fibrinogen gamma monoclonal antibody

Catalog: MB66777

Host: Mouse

Reactivity: Human

### BackGround:

The plasma glycoprotein Fibrinogen is synthesized in the liver and comprises three structurally different subunits: a, b and g. Fibrinogen is important in platelet aggregation, the final step of the coagulation cascade (i.e. the formation of Fibrin) and determination of plasma viscosity and erythrocyte aggregation. It is both constitutively expressed and inducible during an acute phase reaction. Hemostasis following tissue injury deploys essential plasma procoagulants (Prothrombin and Factors X, IX, V and VIII), which are involved in a blood coagulation cascade leading to the formation of insoluble Fibrin clots and the promotion of platelet aggregation. Following vascular injury, Fibrinogen is cleaved by Thrombin to form Fibrin, which is the most abundant component of blood clots. The cleavage products of Fibrinogen regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities and are mitogens for several cell types.

### Product:

Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P02679

### Purification&Purity:

### Applications:

WB (1/500 - 1/1000)

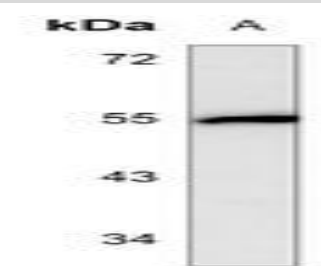
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Fibrinogen gamma protein.

### DATA:



Western blot analysis of Fibrinogen gamma expression in Hela (A) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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