

FGG Ab

Cat.#: BF0244
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 52kDa
Clonality: Monoclonal

| | |
|-------------------------------|--|
| Application: | ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, ICC 1/200 - 1/1000, FCM 1/200 - 1/400 |
| Reactivity: | Human |
| Purification: | Affinity-chromatography. |
| Specificity: | FGG Ab detects endogenous levels of total FGG. |
| Immunogen: | Purified recombinant fragment of human FGG expressed in E. Coli. |
| Uniprot: | P02679 |
| Description: | The protein encoded by this gene is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms. |
| Subcellular Location: | Secreted. |
| Tissue Specificity: | Detected in blood plasma (at protein level). |
| Similarity: | A long coiled coil structure formed by 3 polypeptide chains connects the central nodule to the C-terminal domains (distal nodules). The long C-terminal ends of the alpha chains fold back, contributing a fourth strand to the coiled coil structure. |
| Storage Condition and Buffer: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt. |

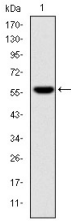


Figure 1: Western blot analysis using FGG mAb against human FGG (AA: 210-437) recombinant protein. (Expected MW is 51.5 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.