



FGG Mouse mAb

Catalog No	YP-mAb-03397
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-330 of human FGG (NP_000500.2).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500 - 1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Fibrinogen γ;FGG;Fibrinogen gamma chain
Observed Band	52kDa
Calculated Molecular Weight	52kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	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 transcript variants encoding different isoforms.

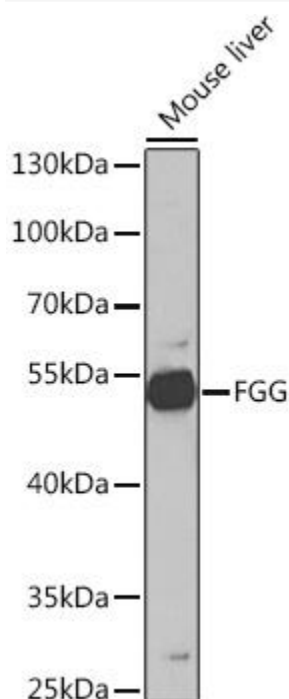
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of extracts of Mouse liver, using FGG Mouse mAb (A5642) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).