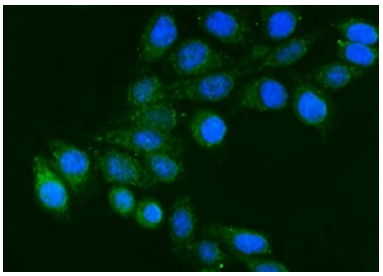
FGG Antibody / Fibrinogen gamma chain / FIBG [clone 5H9] (RQ6593)

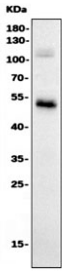
Catalog No.	Formulation	Size
RQ6593	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	5H9
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P02679
Localization	Secreted
Applications	Western blot: 1-2ug/ml Immunofluorescence (FFPE): 5ug/ml
Limitations	This FGG antibody is available for research use only.



Immunofluorescent staining of FFPE human Hep3B cells with FGG antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human HepG2 cell lysate with FGG antibody. Predicted molecular weight ~52 kDa.

Description

Fibrinogen gamma chain, also known as FGG, is a human gene found on Chromosome 4. 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.

Application Notes

Optimal dilution of the FGG antibody should be determined by the researcher.

Immunogen

N-terminal region amino acids IRYLQEIYNSNNQKIVNLKEKVAQLEAQCQE from the human protein were used as the immunogen for the FGG antibody.

Storage

After reconstitution, the FGG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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