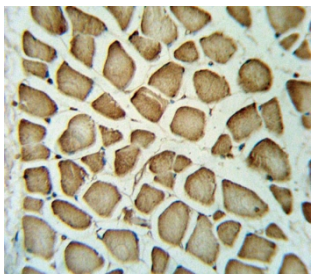
FGG Antibody / Fibrinogen gamma chain / FIBG (F54860)

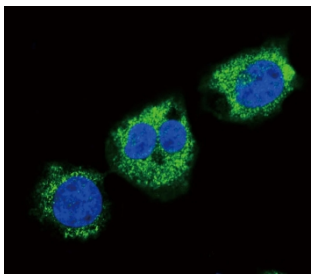
Catalog No.	Formulation	Size
F54860-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54860-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

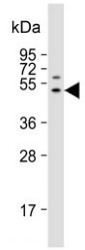
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P02679
Applications	Immunohistochemistry (FFPE) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Western Blot : 1:500-1:1000
Limitations	This FGG antibody is available for research use only.



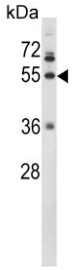
IHC testing of FFPE human skeletal muscle tissue with FGG antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human MDA-MB-231 cells with FGG antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human A431 cell lysate with FGG antibody. Predicted molecular weight ~52 kDa.



Western blot testing of human NIC-H460 cell lysate with FGG antibody. Predicted molecular weight ~52 kDa.

Description

FIBG 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 its gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia.

Application Notes

The stated application concentrations are suggested starting points. Titration of the FGG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 420-449 from the human protein was used as the immunogen for the FGG antibody.

Storage

Aliquot the FGG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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