

Datasheet for ABIN391493  
**anti-FGG antibody (N-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	FGG
Binding Specificity:	AA 91-118, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	This FGG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-118 amino acids from the N-terminal region of human FGG.
Clone:	RB18713
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	FGG
Alternative Name:	FGG ( <a href="#">FGG Products</a> )

## Target Details

**Background:** FG 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 protein lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia.

**Molecular Weight:** 51512

**Gene ID:** 2266

**NCBI Accession:** [NP\\_000500](#), [NP\\_068656](#)

**UniProt:** [P02679](#)

## Application Details

**Application Notes:** IF: 1:10~50. WB: 1:1000. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

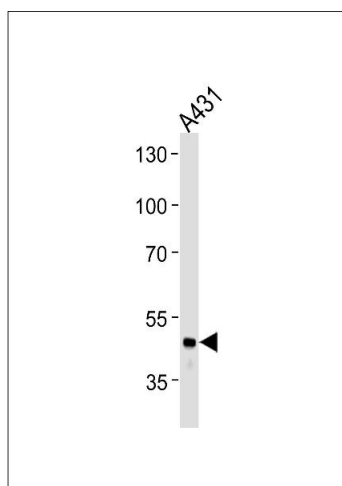
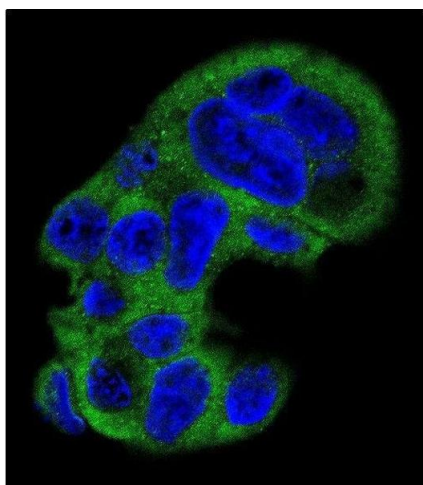
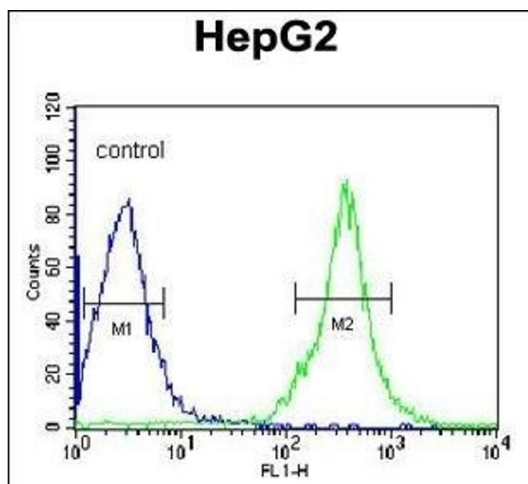
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** FGG Antibody (N-term) (ABIN391493 and ABIN2841460) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of FGG Antibody (N-term) (ABIN391493 and ABIN2841460) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

### Western Blotting

**Image 3.** FGG Antibody (N-term) (ABIN391493 and ABIN2841460) western blot analysis in A431 cell line lysates (35 µg/lane). This demonstrates the FGG antibody detected the FGG protein (arrow).