

Datasheet for ABIN391494
anti-FGG antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	FGG
Binding Specificity:	AA 417-445, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This FGG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 417-445 amino acids from the C-terminal region of human FGG.
Clone:	RB18714
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 (FGG Products)
Background:	FGG is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three

Target Details

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: WB: 1:1000. IHC-P: 1:50~100. 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.

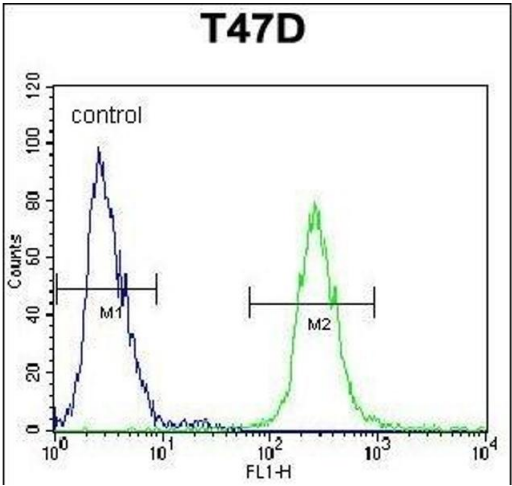
Preservative: Sodium azide

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

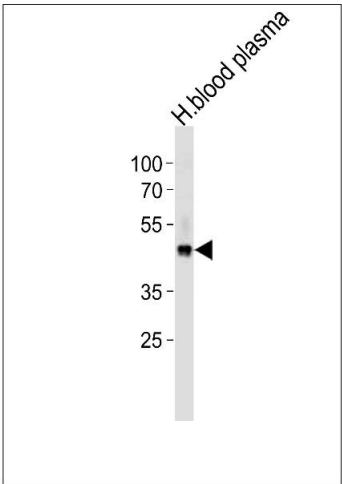
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



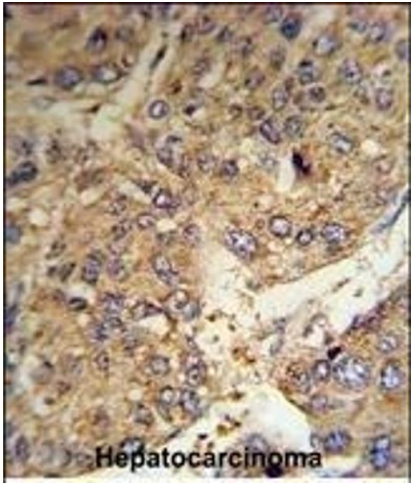
Flow Cytometry

Image 1. FGG Antibody (C-term) (ABIN391494 and ABIN2841461) flow cytometric analysis of T47D cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. FGG Antibody (C-term) (ABIN391494 and ABIN2841461) western blot analysis in human blood plasma cell line lysates (35 µg/lane). This demonstrates the FGG antibody detected the FGG protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. FGG Antibody (C-term) (R) IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FGG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.