

Datasheet for ABIN673861  
**anti-Fibrinogen antibody (FITC)**[Go to Product page](#)

## 2 Publications

## Overview

Quantity:	100 µL
Target:	Fibrinogen
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrinogen antibody is conjugated to FITC
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	Fibrinogen from human plasma
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	Fibrinogen
Abstract:	<a href="#">Fibrinogen Products</a>
Background:	Synonyms: Fib2, Fibrinogen alpha chain, FGA

## Target Details

Background: Cleaved by the protease thrombin to yield monomers which, together with fibrinogen beta (FGB) and fibrinogen gamma (FGG), polymerize to form an insoluble fibrin matrix. Fibrin has a major function in hemostasis as one of the primary components of blood clots. In addition, functions during the early stages of wound repair to stabilize the lesion and guide cell migration during re-epithelialization. Was originally thought to be essential for platelet aggregation, based on in vitro studies using anticoagulated blood. However, subsequent studies have shown that it is not absolutely required for thrombus formation in vivo. Enhances expression of SELP in activated platelets via an ITGB3-dependent pathway. Maternal fibrinogen is essential for successful pregnancy. Fibrin deposition is also associated with infection, where it protects against IFNG-mediated hemorrhage. May also facilitate the immune response via both innate and T-cell mediated pathways.

Gene ID: 2243

UniProt: [P02671](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

## Publications

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- Product cited in:
- Chen, Yang, Liao, Wang, Chen, Sun, Huang: "Effect of the duration of UV irradiation on the anticoagulant properties of titanium dioxide films." in: **ACS applied materials & interfaces**, Vol. 7, Issue 7, pp. 4423-32, (2015) ([PubMed](#)).
- Chen, Zhao, Chen, Liao, Yang, Sun, Huang: "The effect of full/partial UV-irradiation of TiO<sub>2</sub> films on altering the behavior of fibrinogen and platelets." in: **Colloids and surfaces. B, Biointerfaces**, Vol. 122, pp. 709-18, (2014) ([PubMed](#)).