Fibrinogen Alpha Chain Antibody [clone UC45] (V7771)

Catalog No.	Formulation	Size
V7771-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7771-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7771SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	UC45
Purity	PEG precipitation
UniProt	P02671
Applications	ELISA (order BSA-free format for coating) : Flow cytometry : 1-2ug/10^6 cells in 0.1ml Immunofluorescence : 1-2ug/ml
Limitations	This Fibrinogen Alpha Chain antibody is available for research use only.

Description

The plasma glycoprotein Fibrinogen is synthesized in the liver and comprises three structurally different subunits. Fibrinogen is important in platelet aggregation, the final step of the coagulation cascade (i.e. the formation of Fibrin) and determination of plasma viscosity and erythrocyte aggregation. It is both constitutively expressed and inducible during an acute phase reaction. Hemostasis following tissue injury deploys essential plasma procoagulants (Prothrombin and Factors X, IX, V and VIII), which are involved in a blood coagulation cascade leading to the formation of insoluble Fibrin clots and the promotion of platelet aggregation. Following vascular injury, Fibrinogen is cleaved by Thrombin to form Fibrin, which is the most abundant component of blood clots. The cleavage products of Fibrinogen regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types.

Application Notes

Optimal dilution of the Fibrinogen Alpha Chain antibody should be determined by the researcher.

Immunogen

Human acute monoblastic leukemia cells were used as the immunogen for the Fibrinogen Alpha Chain antibody.

Storage

Store the Fibrinogen Alpha Chain antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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