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36-2287: Anti-Fibrinogen Alpha Chain Monoclonal Antibody(Clone: UC45)

Clonality :	Monoclonal
Clone Name :	UC45
Application :	ELISA,FACS,IF
Reactivity :	Human
Gene :	FGA
Gene ID :	2243
Uniprot ID :	P02671
Alternative Name :	Ac1873; Fba5e; FGA; Fib; Fib2; Fibrinogen alpha chain; Fibrinogen, A alpha polypeptide; Fibrinogen--alpha polypeptide chain; Fibrinopeptide A
Isotype :	Mouse IgM, kappa
Immunogen Information :	Human acute monoblastic leukemia cells.

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

For Research Use Only. Not for use in diagnostic/therapeutics procedures.