

## Anti-Fibrinogen alpha Chain Antibody [UC45] - BSA and Azide free (A254302)

### Specifications:

Name:	Anti-Fibrinogen alpha Chain Antibody [UC45] - BSA and Azide free
Description:	Mouse monoclonal [UC45] antibody to Fibrinogen alpha Chain.
Specificity:	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.
Applications:	ELISA, Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Human acute monoblastic leukemia cells.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	UC45
Isotype:	IgM
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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### Specifications continued:

- General Notes:** This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Fibrinogen alpha Chain Antibody [UC45] (A248539).
- Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.