

Fibrinogen Monoclonal Antibody (1F7)

Catalog Number      MA1-23083

Product data sheet

Details	
Size	100 µg
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	1F7
Immunogen	Human fibrinopeptide A conjugated with a carrier protein.
Conjugate	Unconjugated
Form	Liquid
Concentration	6 mg/mL
Storage Conditions	4° C, do not freeze

Species Reactivity	
Species reactivity	Human
Tested Applications	
ELISA (ELISA)	Dilution * Assay-dependent
* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	

Product specific information

MA1-23083 detects fibrinopeptide A in human samples. MA1-23083 has been successfully used in ELISA procedures. The MA1-23083 immunogen corresponds to human fibrinopeptide A conjugated with a carrier protein.

Background/Target Information

Fibrinogen, the precursor of fibrin, is the coagulable protein in the blood plasma of vertebrates. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. Fibrinogen consists as a dimer of 3 pairs of non-identical chains FGA, FGB, and FGG that are cross-linked by disulfide bonds in their N-terminal segments. The molecule has 2 terminal D domains and one central E domain, all three domains are separated when fibrinogen is degraded by plasmin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, afibrinogenemia, and renal amyloidosis.

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