

Fibrinogen Monoclonal Antibody (1F3)

Catalog NumberMA1-20038

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG2b	Published species	Human
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	ELISA (ELISA)	Assay-dependent
Clone	1F3	Western Blot (WB)	Assay-dependent
Immunogen	Fibrin degradation products.	Published Applications	
Conjugate	Unconjugated	ELISA (ELISA)	See 1 publications below
Form	Liquid	* 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.	
Concentration	5.0 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4		
Contains	0.09% sodium azide		
Storage Conditions	4° C, do not freeze		

Product specific information

MA1-20038 detects fibrinogen in human samples.

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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Fibrinogen Antibody (MA1-20038) in WB

Detection of fibrinogen by fibrinogen antibodies in Western blotting (non-reducing conditions). Lane 1: Fibrinogen Monoclonal Antibody (1F3) (Product # MA1-20038); Lane 2: Fibrinogen Polyclonal Antibody [15H12] (Product # MA1-20037).



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PubMed References For Fibrinogen Monoclonal Antibody (1F3)

1 ELISA References

Species / Dilution	Summary
Human / 1:5000	<p>MA1-20038 was used in Enzyme-linked immunosorbent assay to identify biomarkers for the diagnosis of tracheobronchial stenosis (TBS) secondary to tracheobronchial TB.</p> <p>Experimental and therapeutic medicine (2021; 21:) "Proteomic profiling of biomarkers by MALDI-TOF mass spectrometry for the diagnosis of tracheobronchial stenosis after tracheobronchial tuberculosis." Author(s):Peng B,Qiu X,Dong Z,Zhang J,Pei Y,Wang T PubMed Article URL:http://dx.doi.org/10.3892/etm.2020.9495</p>

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