





Fibrinogen Monoclonal Antibody (1F3)

Catalog Number MA1-20038 Product data sheet

Details	
Size	100 μg
Host/Isotope	Mouse / IgG2b
Class	Monoclonal
Туре	Antibody
Clone	1F3
Immunogen	Fibrin degradation products.
Conjugate	Unconjugated
Form	Liquid
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

Species Reactivity		
Species reactivity	Human	
Published species	Human	
Tested Applications	Dilution *	
ELISA (ELISA)	Assay-dependent	
Western Blot (WB)	Assay-dependent	
Published Applications		
ELISA (ELISA)	See 1 publications below	
*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

MA1-20038 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 degradated by plasmin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, afibrinogenemia, and renal amyloidosis.

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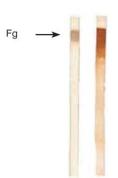
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Product Images For Fibrinogen Monoclonal Antibody (1F3)



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 I	For Fibrinogen Monoclonal Antibody (1F3)
1 ELISA References	
Species / Dilution	Summary
Human / 1:5000	MA1-20038 was used in Enzyme-linked immunosorbent assay to identify biomarkers for the diagnosis of tracheobronchial stenosis (TBS) secondary to tracheobronchial TB.
	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

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