

D-dimer Monoclonal Antibody (DD6)

Catalog NumberMA1-20031

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Mouse
Host/Isotope	Mouse / IgG2a	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	DD6	ELISA (ELISA)	Assay-dependent
Immunogen	Homogenized fibrin clot.	Western Blot (WB)	Assay-dependent
Conjugate	Unconjugated	* 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.	
Form	Liquid		
Concentration	4.3 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4		
Contains	0.09% sodium azide		
Storage Conditions	4° C		

Product specific information

MA1-20031 detects D-Dimer in human samples.

Background/Target Information

Fibrinogen is the main protein of blood coagulation system. It consists of two identical subunits that contain three polypeptide chains: alpha, beta and gamma. The process of blood coagulation results in the activation of fibrinogen into fibrin by thrombin and fibrin polymerization. Fibrin clot is then digested by plasmin, and fibrin degradation products of different molecular weights are released into the bloodstream.

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