

PAPPA Monoclonal Antibody (10E2)

Catalog NumberMA1-22743

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG2b	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	10E2	ELISA (ELISA)	Assay-dependent
Immunogen	Purified human PAPP-A antigen.	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 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

MA1-22743 detects PAPP A in Human samples.

Background/Target Information

Pregnancy-associated plasma protein-A (PAPP-A, Insulin-like growth factor binding protein-4 protease, PAPP-A-proMBP complex) is a large heterotetrameric glycoprotein of approximately 500 kDa, which was first discovered in serum from pregnant women. The heterotetramer consists of two PAPP-A subunits and two proMBP subunits. Low maternal serum levels of PAPP-A in first trimester biochemical screening is used as a marker of Down's syndrome (trisomy 21).

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