

# RPA14 Monoclonal Antibody (14.2)

Catalog NumberMA1-23281

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	Immunoprecipitation (IP)	0.1-2 µg/mL
Type	Antibody	Western Blot (WB)	0.1-2 µg/mL
Clone	14.2	* 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.	
Immunogen	Full-length human RPA-14 expressed in E. coli.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Protein G		
Storage buffer	PBS, pH 7.4		
Contains	no preservative		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

## Product specific information

Recommended positive controls: MCF7, T24.

## Background/Target Information

Replication protein A (RPA) is a single-stranded DNA binding protein. Human RPA is a heterotrimeric protein containing subunits of 70, 32 and 14 kDa. This protein complex is highly conserved in eukaryotes and is essential in DNA replication, homologous recombination and nucleotide excision repair. RPA has been shown to be a target for DNA-dependent protein kinase (DNA-PK) ataxia telangiectasia-mutated gene (ATM) and a cyclin dependent protein kinase.

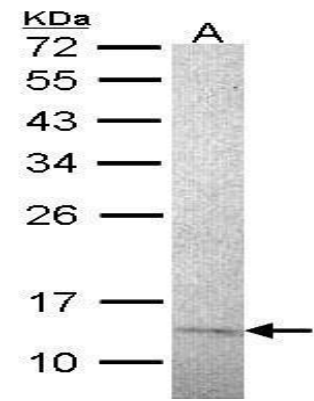
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Product Images For RPA14 Monoclonal Antibody (14.2)



RPA14 Antibody (MA1-23281) in WB

Western Blot using RPA14 Monoclonal Antibody (14.2) (Product # MA1-23281). Sample (30 µg of whole cell lysate). Lane A: Molt-4 . 15% SDS PAGE. RPA14 Monoclonal Antibody (14.2) (Product # MA1-23281) diluted at 1:500.

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