
Product Name: RPA1 Mouse Monoclonal Antibody**Catalog #: AMM81115**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	68.1kDa

Antigen Information

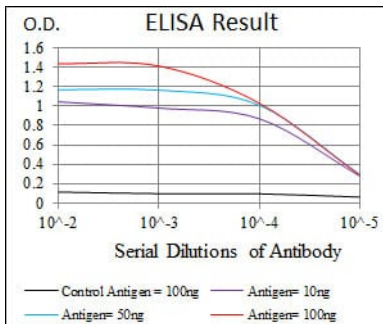
Gene Name	RPA1
Alternative Names	HSSB; RF-A; RP-A; REPA1; RPA70; MST075
Gene ID	6117.0
SwissProt ID	P27694
Immunogen	Purified recombinant fragment of human RPA1 expressed in E. Coli.

Background

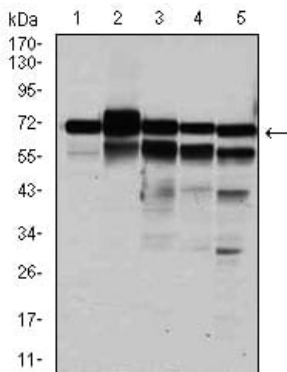
"This gene Plays an essential role in several cellular processes in DNA metabolism including replication, recombination and DNA repair. Binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing"

Research Area

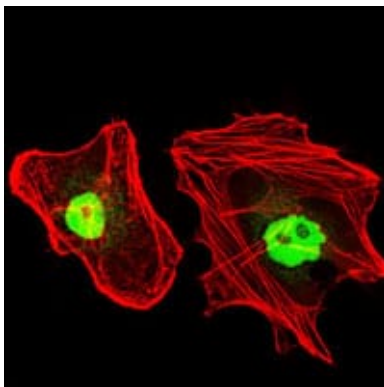
Image Data



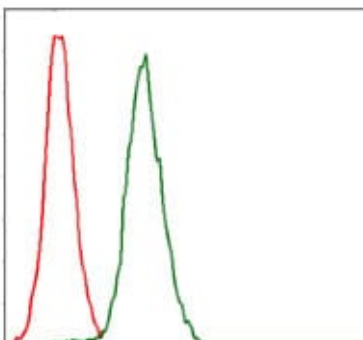
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



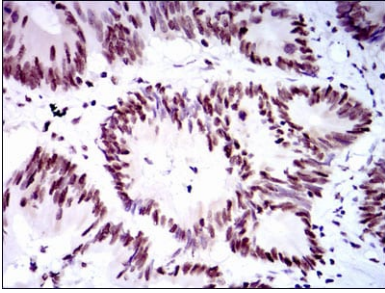
Western blot analysis using RPA1 mouse mAb against HeLa (1), MCF-7 (2), K562(3), A431(4), and COS-7 (6) cell lysate.



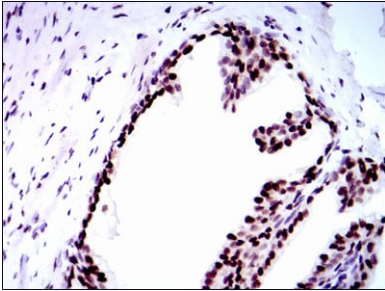
Immunofluorescence analysis of HeLa cells using RPA1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using RPA1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using RPA1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate tissues using RPA1 mouse mAb with DAB staining.