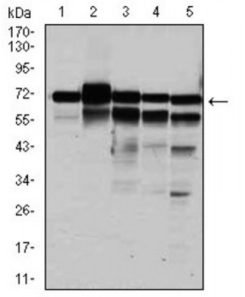
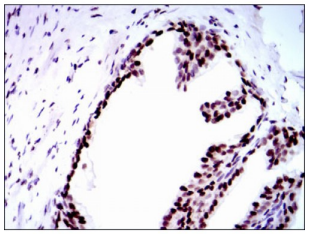
Replication Protein A 70 kDa DNA-Binding Subunit (RPA1) Antibody

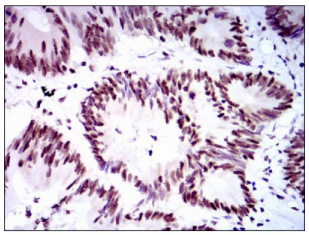
Catalogue No.:abx010302



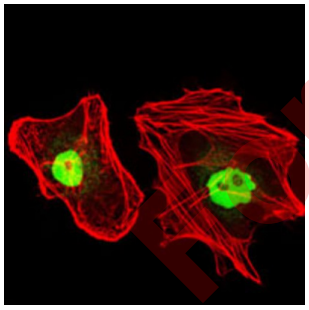
Western blot analysis using RPA1 antibody against human RPA1 (AA: 308-513) recombinant protein. (Expected MW is 48.3 kDa).



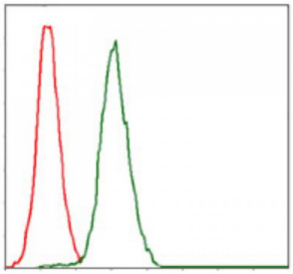
Western blot analysis using RPA1 antibody against HeLa (1), MCF-7 (2), K562 (3), A431 (4), and COS-7 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using RPA1 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded prostate tissues using RPA1 antibody with DAB staining.



Immunofluorescence analysis of HeLa cells using RPA1 antibody (green). Red: Actin filaments have been labeled with AF555 phalloidin.

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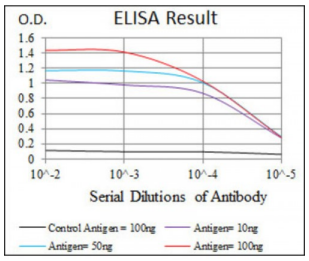

Flow cytometric analysis of Jurkat cells using RPA1 antibody (green) and negative control (red).

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.

Target:	Replication Protein A 70 kDa DNA-Binding Subunit (RPA1)
Clonality:	Monoclonal
Reactivity:	Human, Monkey
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human RPA1 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95602 (UniProt, ExPASy)
GeneID:	6117
KEGG:	hsa:25885

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String:	9606.ENSP00000263857
Enzyme Commission Number:	EC 2.7.7.6
Molecular Weight:	68.1 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	This product is for research use only.

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