Mouse RPA1 Monoclonal Antibody | anti-RPA1 antibody

Anti-RPA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265784	**Mouse**	**Human, Mouse, Rat, Monkey**	**Immunoprecipitation, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

RPA1; Monoclonal Antibody; Anti-RPA1 Antibody; anti-RPA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of RPA1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-RPA1 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human RPA70 protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of RPA1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

WB (Western Blot)
Western blot analysis of RPA1 expression in Hela (A), A431 (B), MCF7 (C), COS7 (D), HT1080 (E), K562 (F) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD

ADDITIONAL INFORMATION

Related Product Information for anti-RPA1 antibody	Mouse monoclonal antibody to RPA1
Product Categories/Family for anti-RPA1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506583
NCBI GeneID	6117

NCBI Accession #	NP_002936.1
NCBI GenBank Nucleotide #	NM_002945.3
UniProt Accession #	P27694; Q8VEE4
Molecular Weight	616
NCBI Official Full Name	replication protein A 70 kDa DNA-binding subunit
NCBI Official Synonym Full Names	replication protein A1, 70kDa
NCBI Official Symbol	RPA1
NCBI Official Synonym Symbols	HSSB; RF-A; RP-A; REPA1; RPA70; MST075
NCBI Protein Information	replication protein A 70 kDa DNA-binding subunit; MSTP075; RP-A p70; RF-A protein 1; replication factor A protein 1; single-stranded DNA-binding protein
UniProt Protein Name	Replication protein A 70 kDa DNA-binding subunit
UniProt Gene Name	**RPA1**
UniProt Synonym Gene Names	REPA1; RPA70; RP-A p70
UniProt Entry Name	RFA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/rpa1-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265784