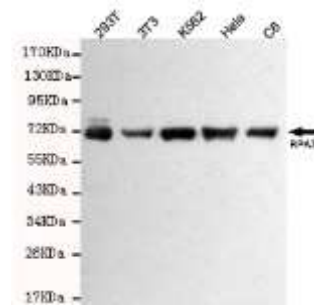


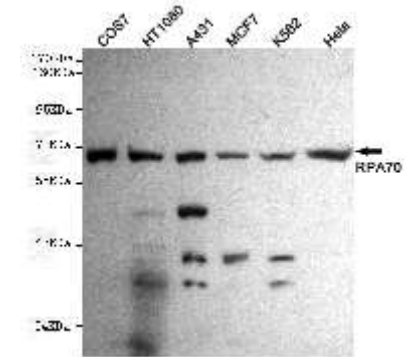
Anti-RPA70 Antibody (8C3-D12-H10)

CATALOG NO:	A1317-100
ALTERNATIVE NAMES:	Replication protein A 70 kDa DNA-binding subunit, RP-A p70, Replication factor A protein 1, RF-A protein 1, Single-stranded DNA-binding protein, RPA1
CLONE:	8C3-D12-H10
AMOUNT:	100 µg
Host/ISOTYPE:	Mouse IgG2a
IMMUNOGEN:	Recombinant human RPA70 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	68 kDa
SPECIES REACTIVITY:	Human, Mouse, Rat, Monkey
SPECIFICITY:	This antibody detects endogenous levels of RPA70 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.02% sodium azide and 50%
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Replication protein A 70 kDa DNA-binding subunit plays an essential role both in DNA replication and the cellular response to DNA damage. In the cellular response to DNA damage, the RPA complex controls DNA repair and DNA damage checkpoint activation. Through recruitment of ATRIP activates the ATR kinase a master regulator of the DNA damage response. It is required for the recruitment of the DNA double-strand break repair factors RAD51 and RAD52 to chromatin in response to DNA damage.
APPLICATION:	WB; 1:1000 IF; 1:100 IP

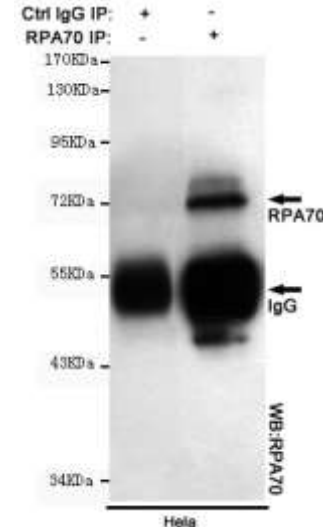
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of RPA70 in HeLa, 293T, C6, 3T3 and K562 cell lysates using RPA70 Antibody



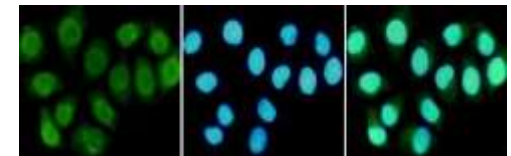
Western blot detection of RPA70 in HeLa, A431, MCF7, COS7, HT1080 and K562 cell lysates using RPA70 Antibody



Immunoprecipitation analysis of HeLa cell lysates using RPA70 Antibody

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) (Cat. No. 6830)
- Acetyl Lysine (Biotin) Antibody (cat. No. 6125)
- Acetyl-Histone H2A Antibody (Cat. No. 3653)
- Anti- c-Myb Antibody (Cat. No. A1212)



Immunocytochemistry staining of HeLa cells fixed in 1% Paraformaldehyde and using RPA70 Antibody

FOR RESEARCH USE ONLY! Not to be used on humans.