



RPA70 mouse mAb

Catalog No	YP-Ab-04481
Isotype	IgG
Reactivity	Human;Monkey;Mouse;Rat
Applications	WB;ICC;IP
Gene Name	rpa70
Immunogen	Purified recombinant human RPA70 protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of RPA70 and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:1000 icc dilution 1:100
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RPA70;Dmrpa1;Drosophila Replication Protein A;DRPA;DSSB;HSSB;Human single stranded DNA binding protein;MST075;MSTP075;p70;REPA 1;REPA1; Replication factor A;Replication factor A protein 1;Replication protein A 70 kDa DNA-binding subunit;Replication protein A 70kDa DNA binding subunit; Replication protein A1 (70kD);Replication protein A1 70kDa;Replication protein A1;RF A;RF-A protein 1;RFA;RFA1_HUMAN;RP A;RP-A p70;RPA 1;RPA 70; RPA;RPA1;Single stranded binding protein 70;Single stranded DNA binding protein;Single-stranded DNA-binding protein;Ssb70.
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	Nucleus . Nucleus, PML body . Enriched in PML bodies in cells displaying alternative lengthening of their telomeres. .
Tissue Specificity	Aorta,Aortic endothelium,Lung carcinoma,Uterus,
Function	function:It participates in a very early step in initiation. RP-A is a single-stranded DNA-binding protein. Absolutely required for simian virus 40 DNA replication in vitro.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Belongs to the replication factor A protein 1 family.,



subunit:Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Interacts with RIP and XPA. Interacts with RPA4.,

Background

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matters needing attention

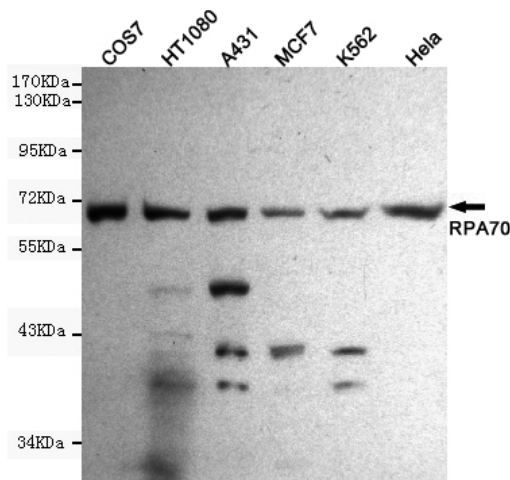
Avoid repeated freezing and thawing!

Usage suggestions

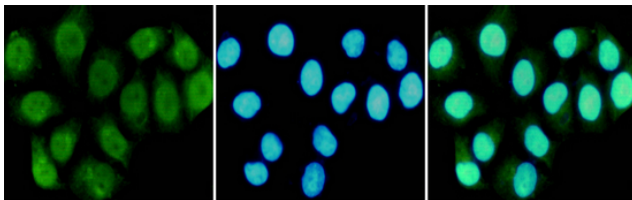
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



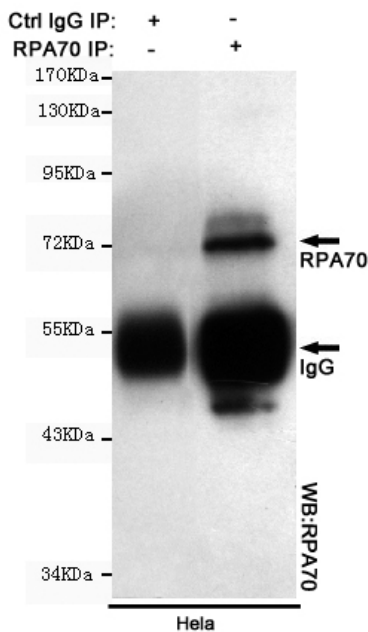
Products Images



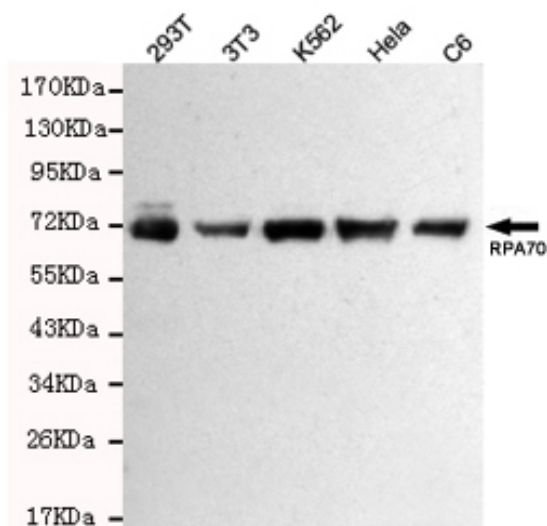
Western blot detection of RPA70 in HeLa, A431, MCF7, COS7, HT1080 and K562 cell lysates using RPA70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.



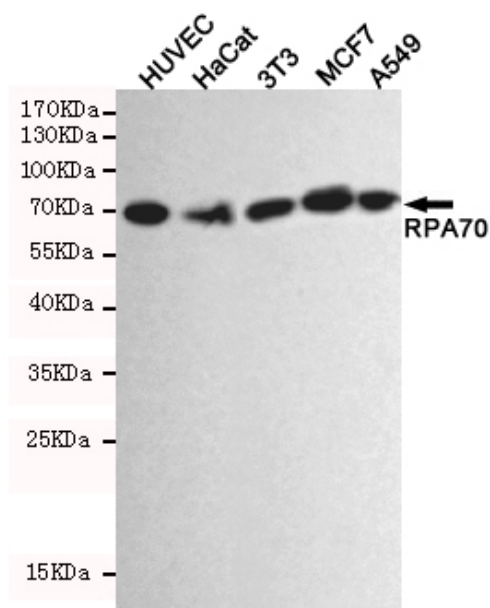
Immunocytochemistry staining of HeLa cells fixed in 1% Paraformaldehyde and using RPA70 mouse mAb (dilution 1:100).



Immunoprecipitation analysis of HeLa cell lysates using RPA70 mouse mAb.



Western blot detection of RPA70 in Hela,293T,C6,3T3 and K562 cell lysates using RPA70 mouse mAb (1:1000 diluted).Predicted band size:70KDa.Observed band size:70KDa.



Western blot detection of RPA70 in HUVEC,Hacat,3T3,MCF7 and A549 cell lysates using RPA70 mouse mAb (1:2000 diluted).Predicted band size:70KDa.Observed band size:70KDa.