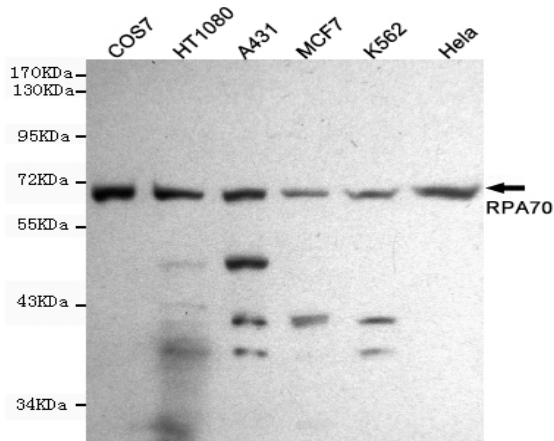


RPA70 mouse mAb

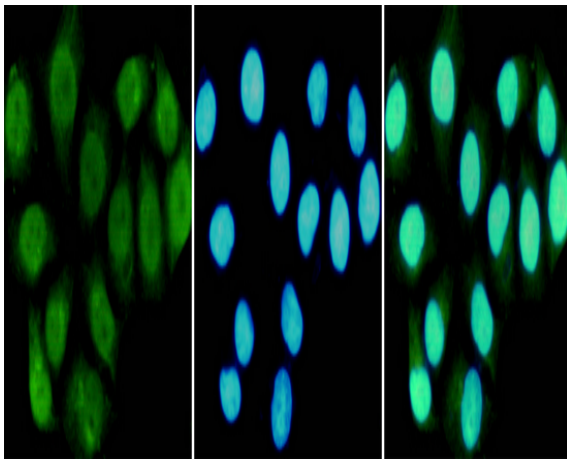
Catalog No :	YM1383
Reactivity :	Human;Monkey;Mouse;Rat
Applications :	WB;ICC;IP
Target :	RPA70
Fields :	>>DNA replication;>>Nucleotide excision repair;>>Mismatch repair;>>Homologous recombination;>>Fanconi anemia pathway
Gene Name :	rpa70
Human Gene Id :	6117
Human Swiss Prot No :	P27694
Mouse Swiss Prot No :	Q8VEE4
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
Dilution :	wb dilution 1:1000 icc dilution 1:100
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	70kD

Cell Pathway :	DNA replication;Nucleotide excision repair;Mismatch repair;Homologous recombination;
Background :	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.,
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.,
Subcellular Location :	Nucleus . Nucleus, PML body . Enriched in PML bodies in cells displaying alternative lengthening of their telomeres. .
Expression :	Aorta,Aortic endothelium,Lung carcinoma,Uterus,
Tag :	ip
Sort :	14593
No4 :	1
Host :	Mouse
Modifications :	Unmodified

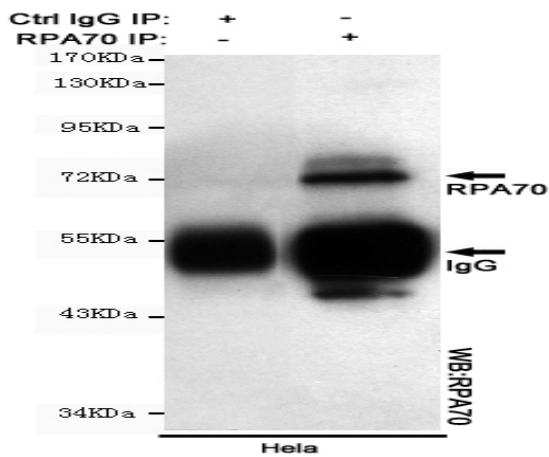
Products Images



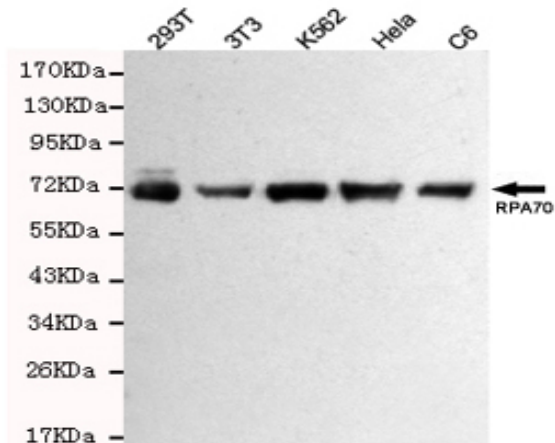
Western blot detection of RPA70 in HeLa, A431, MCF7, COS7, HT1080 and K562 cell lysates using RPA70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.



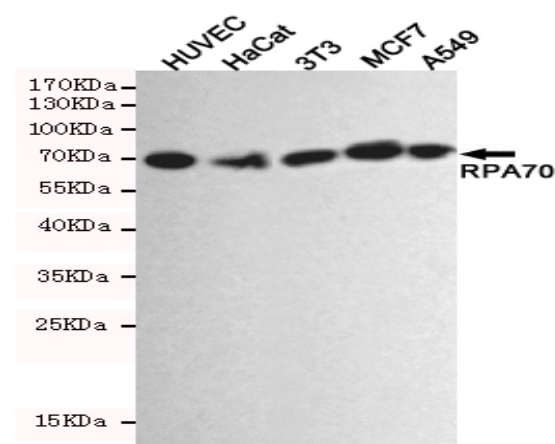
Immunocytochemistry staining of HeLa cells fixed in 1% Paraformaldehyde and using RPA70 mouse mAb (dilution 1:100).



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.