



RPA32/RPA2 mouse mAb

Catalog No	BYab-01099
Isotype	IgG
Reactivity	Human
Applications	WB;IP;ICC
Gene Name	rpa2
Protein Name	
Immunogen	Purified recombinant human RPA32/RPA2 protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of RPA32/RPA2 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 1:2000 icc dilution 1:200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	60S acidic ribosomal protein P1;AA409079;AI325195;AU020965;HSSB;ik:tdsubc_2g1;M(2)21C; MGC137236;OTTHUMP00000004008;p32;p34;RCJMB04_6d17 replication protein A2, 32kDa;REPA 2; REPA1;REPA2;Replication factor A protein 2;Replication protein A 32 kDa subunit; Replication protein A 32kDa subunit;Replication protein A 34 kDa subunit;Replication protein A;replication protein A1 (70kD);Replication Protein A2 (32kDa);Replication protein A2 32kD;Replication protein A2 32kDa;Replication protein A2;Replication protein A2, 32kDa;RF A;RF-A protein 2;Rf-A2;RFA;RFA2_HUMAN;RP A;RP-A p32;RP-A p34;RP21C;RPA 2; RPA 32;RPA;RPA2;RPA32;RPA34;RPA70;RpLP1;RpP2;xx:tdsubc_2g1;zgc:109822.
Observed Band	32kD
Cell Pathway	Nucleus . Nucleus, PML body . Redistributes to discrete nuclear foci upon DNA damage in an ATR-dependent manner. .

Nanjing BYabs science technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658



Tissue Specificity	Kidney,Lung,Muscle,
Function	function:Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions.,PTM:Phosphorylated in a cell-cycle-dependent manner (from the S phase until mitosis). Phosphorylated by ATR upon DNA damage, which promotes its translocation to nuclear foci. Can be phosphorylated in vitro by PRKDC/DNA-PK in the presence of Ku and DNA, and by CDC2.,subcellular location:Also present in PML nuclear bodies. Redistributes to discrete nuclear foci upon DNA damage.,subunit:Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Binds to SERTAD3/RBT1. Interacts with TIPIN.,
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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.

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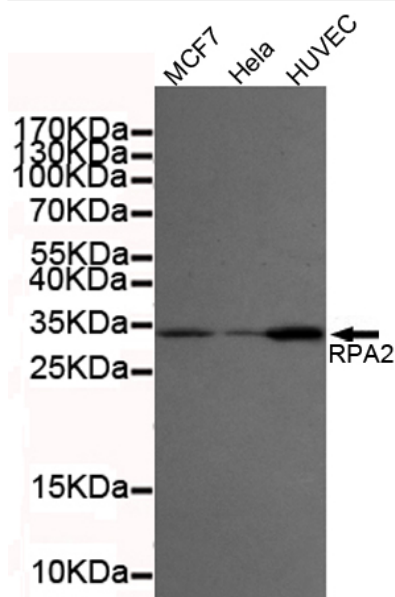
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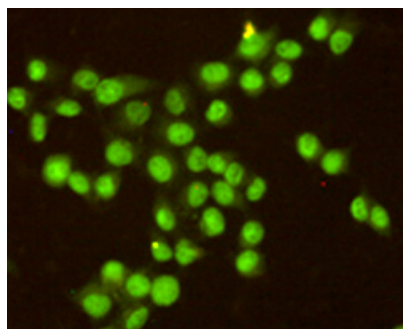
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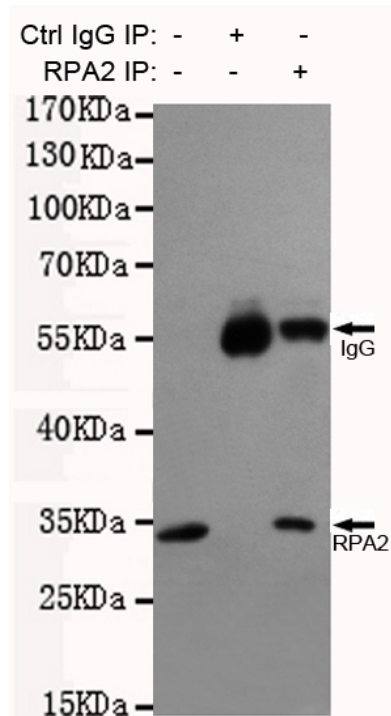
Products Images



Western blot detection of RPA32/RPA2 in MCF7, HeLa and HUVEC cell lysates using RPA32/RPA2 mouse mAb (1:2000 diluted). Predicted band size: 32KDa. Observed band size: 32KDa. Exposure time: 20s.



Immunocytochemistry staining of HeLa cells fixed with -20°C Methanol and using anti-RPA32/RPA2 antibody (dilution 1:200).



Immunoprecipitation analysis of HeLa cell lysates using RPA32/RPA2 mouse mAb.

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