

RPA70 Rabbit mAb

Catalog No: #59633

Package Size: #59633-1 50ul #59633-2 100ul

Description

Product Name	RPA70 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	RPA70 Antibody detects endogenous levels of total RPA70
Immunogen Description	A synthesized peptide derived from human RPA70
Other Names	RPA1; HSSB; MST075; REPA1; RF-A; RP-A; RPA70;
Accession No.	Uniprot:P27694
Calculated MW	Predicted band size: 68 kDa
SDS-PAGE MW	Observed band size: 70 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

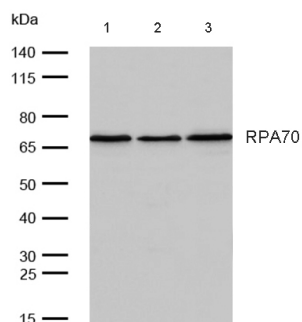
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: RPA70 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : JK whole cell lysates

Lane 3 : MCF-7 whole cell lysates

Lysates/proteins at 20 µg per lane.

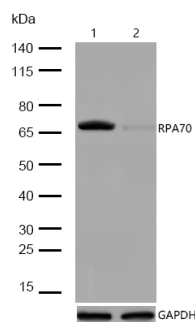
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 68 kDa

Observed band size: 70 kDa

Exposure time: 6 seconds

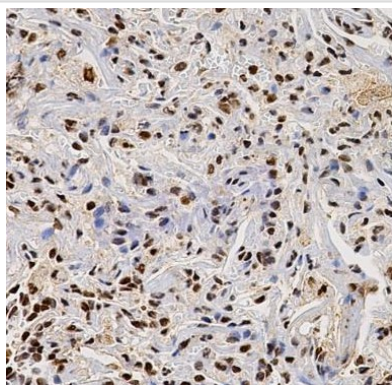


All lanes: RPA70 Rabbit mAb at 1/1k dilution

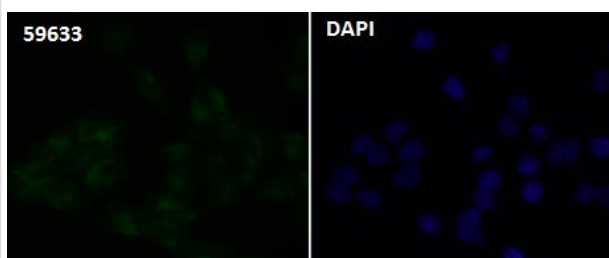
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : RPA70 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for RPA70 using 59633 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence RPA70 antibody (59633) ICC/IF staining of RPA70 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59633 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Plays an essential role in several cellular processes in DNA metabolism including replication, recombination and DNA repair. Binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.