

For Research Use Only

RPA2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87254-1-PBS



Basic Information

Catalog Number:

87254-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0690

GenBank Accession Number:

BC001630

GeneID (NCBI):

6118

UNIPROT ID:

P15927

Full Name:

replication protein A2, 32kDa

Calculated MW:

29 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

252472D6

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RPA2, a subunit of the heterotrimeric replication protein A (RPA) complex, is overexpressed in various cancers. RPA2 is a major target for upstream kinases, including CDKs and the three PIKKs (ATR, ataxia-telangiectasia mutated [ATM], and DNA-PK). RPA2 comprises multiple critical Ser/Tr residues that are phosphorylated in sequential order in response to genotoxic stress.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

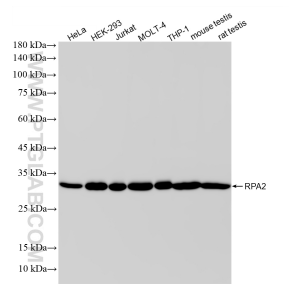
T: 4006900926

E: Proteintech-CN@ptglab.com

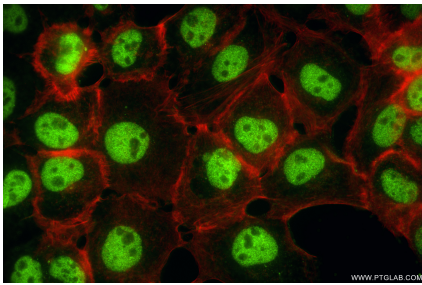
W: ptgcn.com

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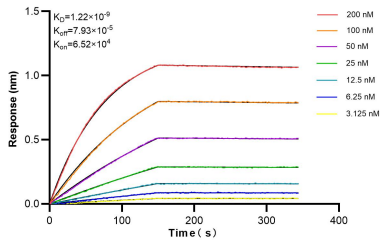
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87254-1-RR (RPA2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87254-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using RPA2 antibody (87254-1-RR, Clone: 252472D6) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 87254-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87254-1-RR against Human RPA were performed. The affinity constant is 1.22 nM.