

For Research Use Only

RPA2 Monoclonal antibody

Catalog Number: 67999-1-Ig



Basic Information

Catalog Number: 67999-1-Ig	GenBank Accession Number: BC001630	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 6118	CloneNo.: 1B9H11
Source: Mouse	UNIPROT ID: P15927	Recommended Dilutions: WB 1:5000-1:50000 IF 1:2000-1:8000
Isotype: IgG1	Full Name: replication protein A2, 32kDa	
Immunogen Catalog Number: AG24783	Calculated MW: 29 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat, Pig, rabbit	WB : LNCaP cells, pig spleen tissue, rat testis tissue, mouse testis tissue, rabbit spleen tissue, HeLa cells, MOLT-4 cells, Jurkat cells, THP-1 cells
	IF : A431 cells,

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 PI3Ks (ATR, ataxia-telangiectasia mutated [ATM], and DNA-PK). RPA2 comprises multiple critical Ser/Thr residues that are phosphorylated in sequential order in response to genotoxic stress.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

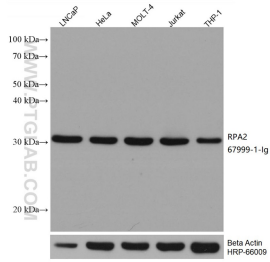
T: 4006900926

E: Proteintech-CN@ptglab.com

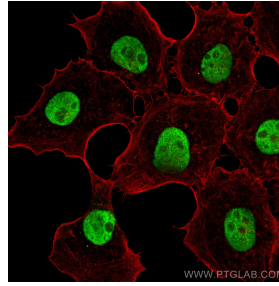
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67999-1-Ig (RPA2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using RPA2 antibody (67999-1-Ig, Clone: 1B9H11) at dilution of 1:4000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), (CL594-Phalloidin, red).