

For Research Use Only

RPA2 Monoclonal antibody, PBS Only

Catalog Number: 67999-1-PBS



Basic Information

Catalog Number: 67999-1-PBS	GenBank Accession Number: BC001630	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6118	CloneNo.: 1B9H11
Source: Mouse	UNIPROT ID: P15927	
Isotype: IgG1	Full Name: replication protein A2, 32kDa	
Immunogen Catalog Number: AG24783	Calculated MW: 29 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, Mouse, Rat, Pig, rabbit

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/Thr residues that are phosphorylated in sequential order in response to genotoxic stress.

Storage

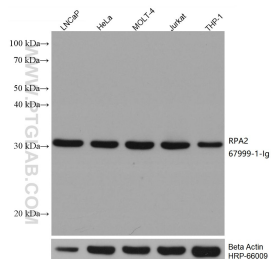
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

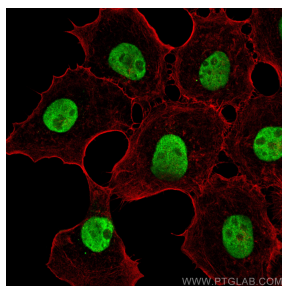
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 67999-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67999-1-PBS in a different storage buffer formulation.