

For Research Use Only

CoraLite®594-conjugated RPA2 Monoclonal antibody



Catalog Number:CL594-67999

Basic Information

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|---|--|---|
| Catalog Number: CL594-67999 | GenBank Accession Number: BC001630 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 6118 | CloneNo.: 1B9H11 |
| Source: Mouse | Full Name: replication protein A2, 32kDa | Recommended Dilutions: IF 1:500-1:2000 |
| Isotype: IgG1 | Calculated MW: 29 kDa | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG24783 | Observed MW: 30 kDa | |

Applications

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|---|---|
| Tested Applications: FC (Intra), IF | Positive Controls: IF : A431 cells, |
| Species Specificity: Human, Mouse, Rat, Pig | |

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

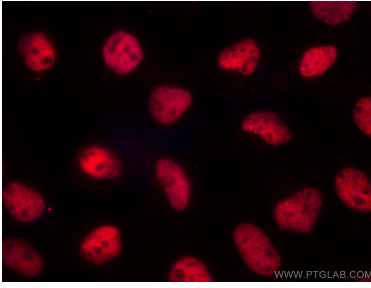
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

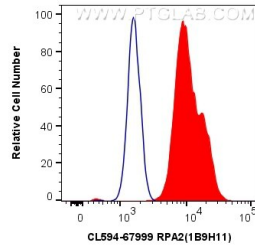
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 RPA2 antibody (CL594-67999, Clone: 1B9H11) at dilution of 1:1000.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human RPA2 (CL594-67999, Clone:1B9H11) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).