Recombinant Replication Protein A2 (RPA2) Antibody

Rabbit Monoclonal Antibody [Clone RPA2/3140R]

Catalog No	Format	Size
6118-RBM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6118-RBM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6118-RBM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

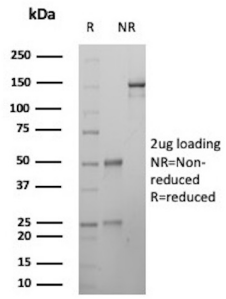
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

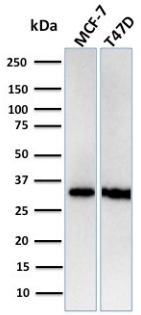
Clone	RPA2/3140R
Gene Name	RPA2
Immunogen	Recombinant human full-length Replication protein A2 (RPA2) protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	32-34kDa
Cellular Localization	Nucleus, PML body
Species Reactivity	Human
Positive Control	HeLa or HepG2 cell lysates (WB). Human tonsil (IHC)., MCF-7

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Replication Protein A2 (RPA2) Antibody



SDS-PAGE Analysis of Purified Replication protein A 32 kDa subunit Recombinant Rabbit Monoclonal Antibody (RPA2/3140R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of human MCF-7 & T47D cell lysates using RPA2 Recombinant Rabbit Monoclonal Antibody (RPA2/3140R).

Specificity & Comments

Recognizes a protein of 34kDa, identified as a subunit of Replication Protein A (RPA) (also known as human single-stranded DNA binding protein, or HSSB). RPA from human cells is a stable heterotrimer of 70kDa, 32-34kDa, and 11-14kDa subunits (RPA70, RPA32, and RPA14 respectively). It is involved in DNA replication, repair, and recombination. RPA is required for the SV40 large tumor antigen-catalyzed unwinding of SV40 DNA and stimulates DNA polymerase (pol) alpha and delta. RPA34 is phosphorylated at the G1/S boundary of the cell cycle or upon exposure of cells to DNA damage-inducing agents including ionizing and UV radiation.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Infectious Disease, Nuclear Marker, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.