

Product Datasheet

RPA14 Antibody (11.1) - Azide and BSA Free NB100-159

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-159

RPA14 Antibody (11.1) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11.1
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	14 kDa

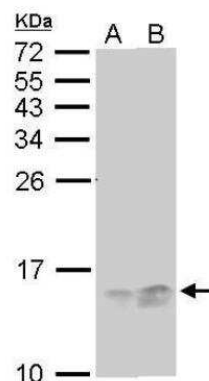
Product Description	
Description	Novus Biologicals Mouse RPA14 Antibody (11.1) - Azide and BSA Free (NB100-159) is a monoclonal antibody validated for use in IHC, WB and IP. Anti-RPA14 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6119
Gene Symbol	RPA3
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	NB100-159 is specific for human and mouse RPA14.
Immunogen	Full-length human RPA-14 expressed in E. coli..

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.1-2 ug/ml, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 0.1-2 ug/ml, Immunohistochemistry-Paraffin 1:100-1:1000

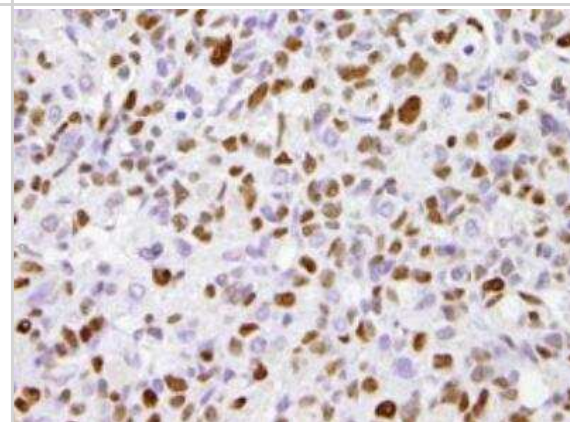


Images

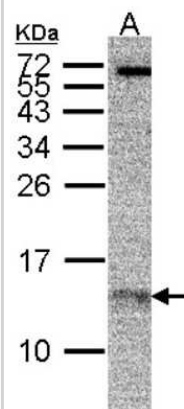
Western Blot: RPA14 Antibody (11.1) [NB100-159] - A: 30 ug A549 whole cell lysate/extract. B: 30 ug MCF-7 whole cell lysate/extract. Separated by 15% SDS-PAGE. RPA14 antibody [11.1] at 1:1000.



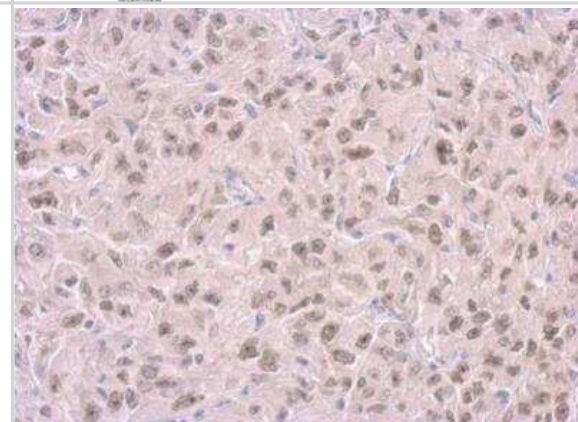
Immunohistochemistry-Paraffin: RPA14 Antibody (11.1) [NB100-159] - Human osteosarcoma section, 4% formaldehyde fixed. Incubated with the primary antibody for 10-15 hours. IHC-P image submitted by a verified customer review.



Western Blot: RPA14 Antibody (11.1) [NB100-159] - 30 ug of MCF7 whole cell lysate separated by 15% SDS-PAGE. Antibody at 1:500.



Immunohistochemistry-Paraffin: RPA14 Antibody (11.1) [NB100-159] - Mahlarvu xenograft. RPA14 antibody [11.1] dilution: 1:200. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Publications

Calle A, Toribio-Serrano V, YANEZ-MO M, Ramirez M Embryonic trophectoderm secretomics reveals chemotactic migration and intercellular communication of endometrial and circulating MSCs in embryonic implantation *Int J Mol Sci* 2021-06-02 [PMID: 34073234]

Yoshihara T, Ishida M, Kinomura A et al. XRCC3 deficiency results in a defect in recombination and increased endoreduplication in human cells. *EMBO J* 2004-02-01 [PMID: 14749735] (WB, Human)

Meetei AR, Sechi S, Wallisch M et al. A multiprotein nuclear complex connects Fanconi anemia and Bloom syndrome. *Mol Cell Biol* 2003-05-01 [PMID: 12724401] (WB, Human)

Iftode, C, Daniely, Y, Borowiec, JA. Replication protein A (RPA): the eukaryotic SSB. *Crit Rev Biochem Mol Biol* 34:141-180. 1999-01-01 [PMID: 10473346]

Bochkarev, A, Bochkareva, E, Frappier, L, Edwards, AM. The crystal structure of the complex of replication protein A subunits RPA32 RPA14 reveals a mechanism for single-strand DNA binding. *EMBO J* 18:4498-4504. 1999-01-01 [PMID: 10449415]

Dong, J, Park, JS, Lee, SH. In vitro analysis of the zinc-finger motif in human replication protein A. *Biochem J* 337:311-317. 1999-01-01 [PMID: 9882630]

Sibenaller, ZA, Sorensen, BR, Wold, MS. The 32- 14-kilodalton subunits of replication protein A are responsible for species-specific interactions with single-strand DNA. *Biochemistry* 37:12496-12506. 1998-01-01 [PMID: 9730822]

Stigger, E, Drissi, R, Lee, SH. Functional analysis of human replication protein A in nucleotide excision repair. *J Biol Chem* 273:9337-9343. 1998-01-01 [PMID: 9535929]





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Products Related to NB100-159

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006119-P01-10ug	Recombinant Human RPA14 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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