

Product Datasheet

PLK1 Antibody - BSA Free NB100-547

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-547

PLK1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit PLK1 Antibody - BSA Free (NB100-547) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-PLK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5347
Gene Symbol	PLK1
Species	Human
Marker	Mitosis Marker
Immunogen	The immunogen this antibody was made to, maps to a region between residues 325 and 375 of human Polo-like kinase using the numbering given in SwissProt entry P53350 (GeneID 5347).

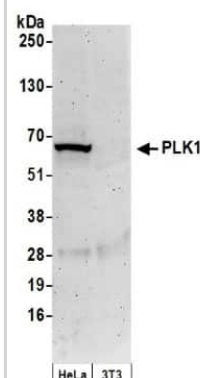
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:500-1:2000, Immunoprecipitation 2-4 ug/mg lysate
Application Notes	Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells.

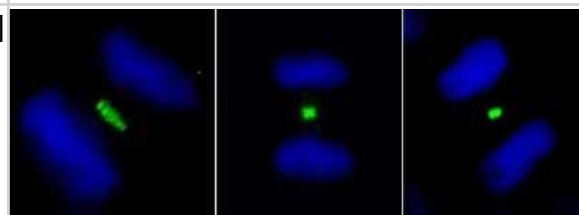


Images

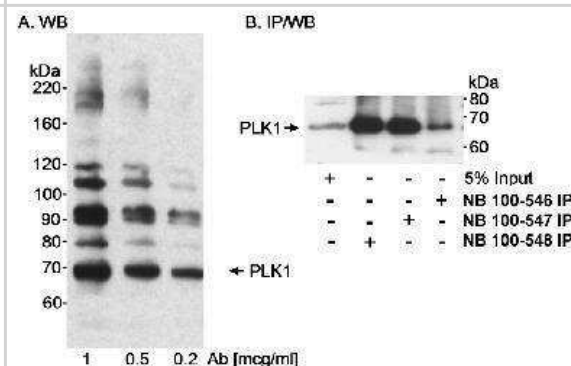
Western Blot: PLK1 Antibody [NB100-547] - Detection of Human PLK1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLK1 antibody NB100-547 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunocytochemistry/Immunofluorescence: PLK1 Antibody [NB100-547] - Detection of human PLK1 by immunocytochemistry. Sample: Formaldehyde-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti- PLK1 (NB100-547). Detection: Green fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody FITC conjugated.



Western Blot: PLK1 Antibody [NB100-547] - Detection of Human PLK1 on HeLa whole cell lysate using NB100-547. B. Affinity purified rabbit anti-PLK1 antibodies NB100-546, NB100-547, and NB100-548. IPed PLK1 was detected using NB100-548.



Publications

Carden S, Vitiello E, Rosa E Silva I, Holder J et Al. Proteomic profiling of centrosomes across multiple mammalian cell and tissue types by an affinity capture method Dev Cell 2023-10-18 [PMID: 37852252]

McDougall W M, Perreira J M et al. Viral Infection or IFN-Alpha Alters Mitotic Spindle Orientation by Modulating Pericentrin Levels. iScience 2019-02-22 [PMID: 30716700] (WB, Human)

Bremner Sk A role for AMPK in the regulation of mitosis and cytokinesis Thesis 2020-03-01 (ICC/IF, IB, Mouse, Human)



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Products Related to NB100-547

NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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