

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) |

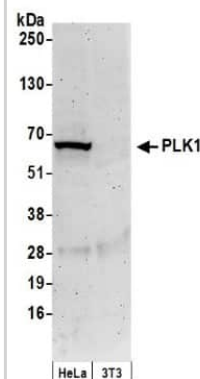
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit PLK1 Antibody - BSA Free (NB100-547) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-PLK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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. |

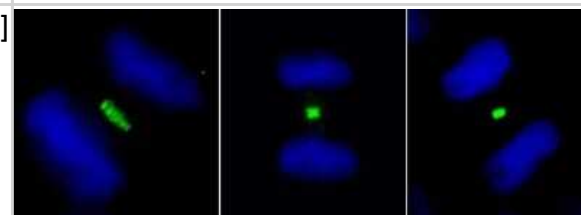


Images

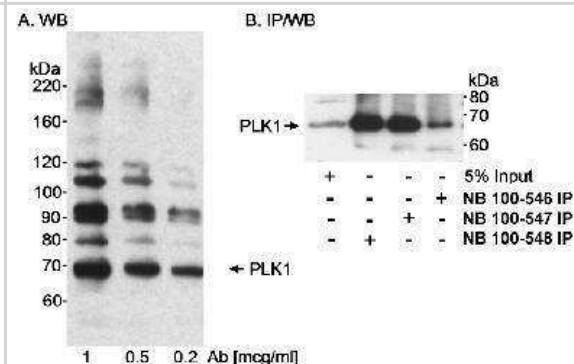
Western Blot: PLK1 Antibody [NB100-547] - Detection of Human PLK1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLK1 antibody NB100-547 used for WB at 0.1 ug/ml. Detection: Chemiluminescence 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 |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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