

# Product Datasheet

## PLK4 Antibody NBP1-33402

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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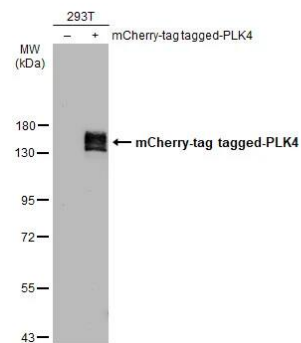
**NBP1-33402**

## PLK4 Antibody

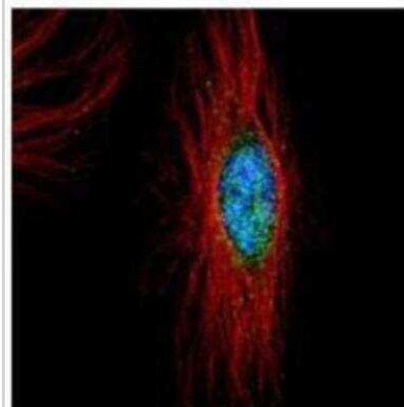
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	109 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit PLK4 Antibody (NBP1-33402) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10733
<b>Gene Symbol</b>	PLK4
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (87%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human PLK4. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

## Images

Western Blot: PLK4 Antibody [NBP1-33402] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PLK4 antibody (NBP1-33402) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: PLK4 Antibody [NBP1-33402] - Methanol-fixed HeLa, using PLK4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with Red at 1:2000.



Untreated (-) and treated (+) U2OS whole cell extract (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PLK4 antibody (NBP1-33402) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



## Publications

Ndiaye M, Garvey D, Chhabra G et al. PLK4 is a potential therapeutic target in nonmelanoma skin cancers: Evidence from molecular and in vivo studies. *Photochemistry and photobiology* 2025-06-16 [PMID: 40524317]



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### **Products Related to NBP1-33402**

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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

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### **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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