

Product Datasheet

PLK1 Antibody (OTI1D4) - Azide and BSA Free NBP2-73472

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-73472

PLK1 Antibody (OTI1D4) - Azide and BSA Free

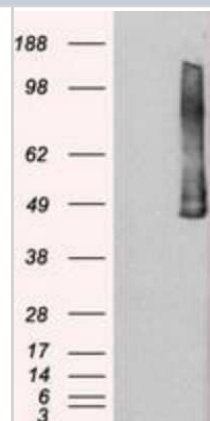
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1D4
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	68.1 kDa

Product Description	
Host	Mouse
Gene ID	5347
Gene Symbol	PLK1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human PLK1 (NP_005021) produced in HEK293T cell.

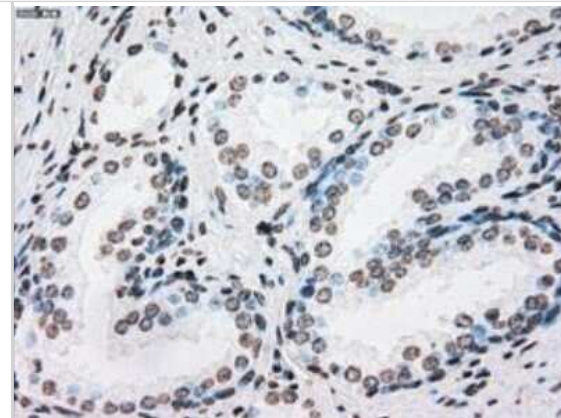
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry, Immunohistochemistry 1:150, Immunoprecipitation 2ug/500ul

Images

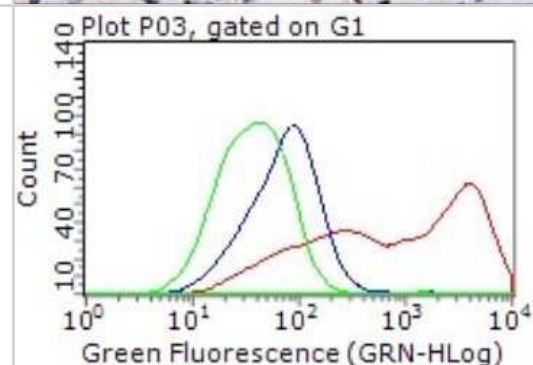
Western Blot: PLK1 Antibody (OTI1D4) - Azide and BSA Free [NBP2-73472] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PLK1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PLK1.



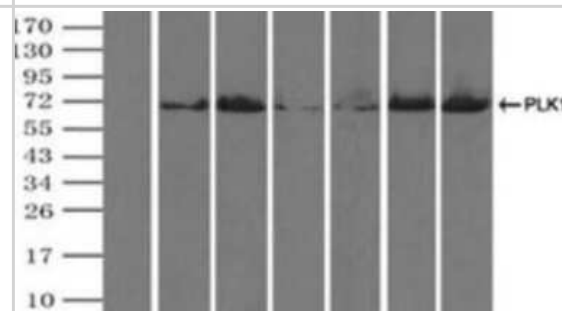
Immunohistochemistry: PLK1 Antibody (OTI1D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Human pancreas tissue using anti-PLK1 mouse monoclonal antibody.



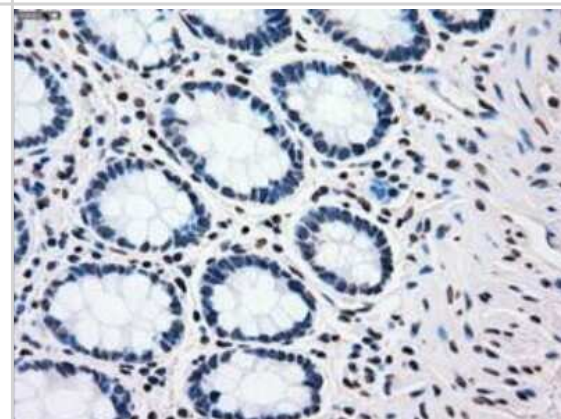
Flow Cytometry: PLK1 Antibody (OTI1D4) - Azide and BSA Free [NBP2-73472] - HEK293T cells transfected with either PLK1 Human Tagged ORF Clone overexpress plasmid (Red), compared to an IgG isotype control, (Green) or empty vector control plasmid (Blue) were immunostaining by anti-PLK1 antibody, and then analyzed by flow cytometry



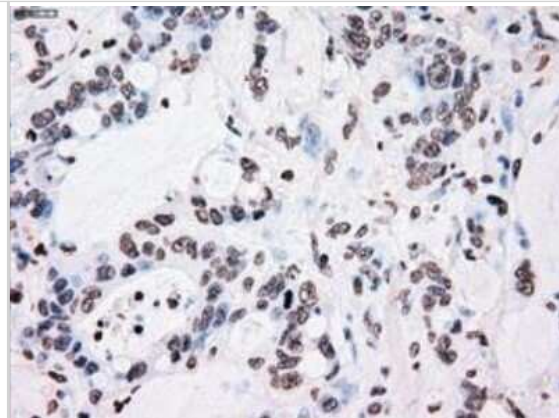
Western Blot: PLK1 Antibody (OTI1D4) - Azide and BSA Free [NBP2-73472] - Negative control: IP without adding anti-PLK1 antibody.). For each experiment, 500ul of DDK tagged PLK1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of



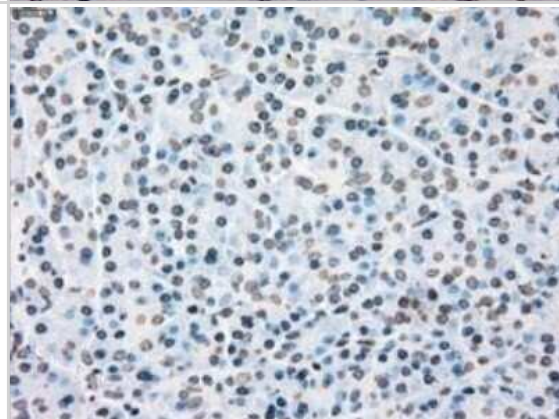
Immunohistochemistry: PLK1 Antibody (OTI1D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PLK1 mouse monoclonal antibody.



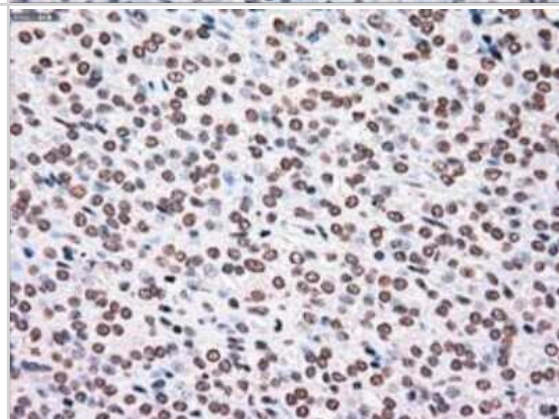
Immunohistochemistry: PLK1 Antibody (OT11D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PLK1 mouse monoclonal antibody.



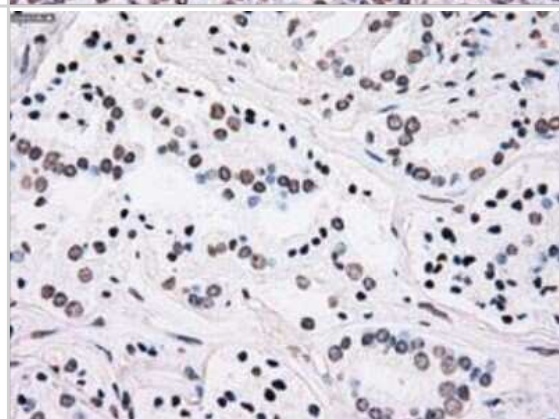
Immunohistochemistry: PLK1 Antibody (OT11D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-PLK1 mouse monoclonal antibody.



Immunohistochemistry: PLK1 Antibody (OT11D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Human endometrium tissue using anti-PLK1 mouse monoclonal antibody.



Immunohistochemistry: PLK1 Antibody (OT11D4) - Azide and BSA Free [NBP2-73472] - Staining of paraffin-embedded Human prostate tissue using anti-PLK1 mouse monoclonal antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-73472

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-49014PEP	PLK1 Recombinant Protein Antigen

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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