Product Datasheet

CDK2 Antibody (OTI2D9) - Azide and BSA Free
NBP2-70392

Unit Size: 100 ug

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

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NBP2-70392

CDK2 Antibody (OTI2D9) - 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	OTI2D9
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	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	33.7 kDa

Product Description

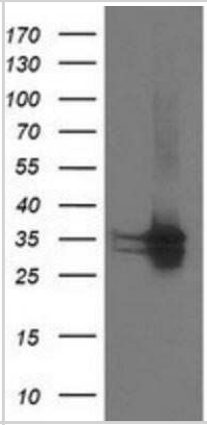
Description	Novus Biologicals Mouse CDK2 Antibody (OTI2D9) - Azide and BSA Free (NBP2-00776) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1017
Gene Symbol	CDK2
Species	Human, Mouse, Rat, Canine, Monkey
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 CDK2 (NP_001789) produced in HEK293T cell.

Product Application Details

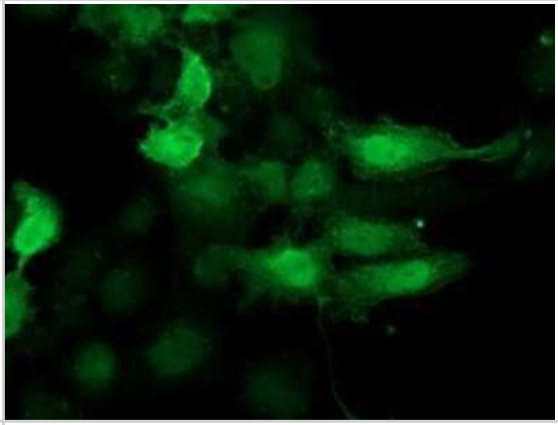
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150, CyTOF-ready

Images

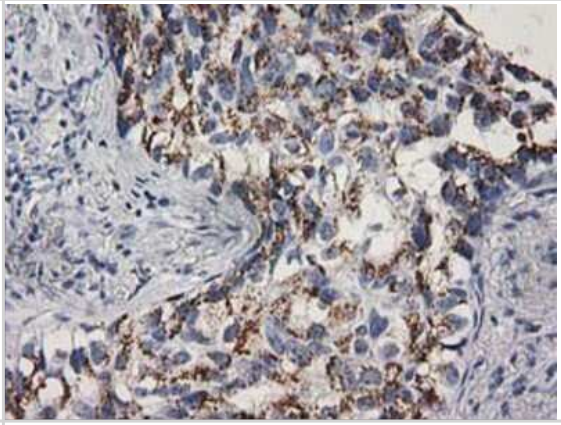
Western Blot: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cdk2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Cdk2.



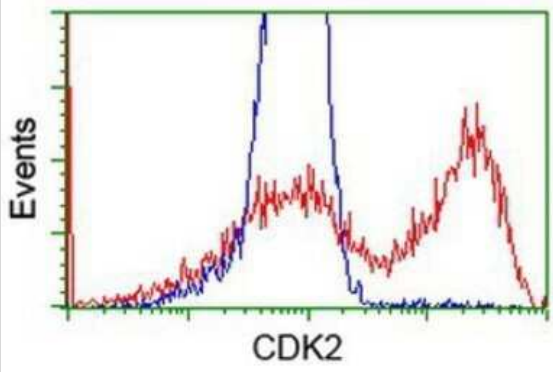
Immunocytochemistry/Immunofluorescence: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Cdk2.

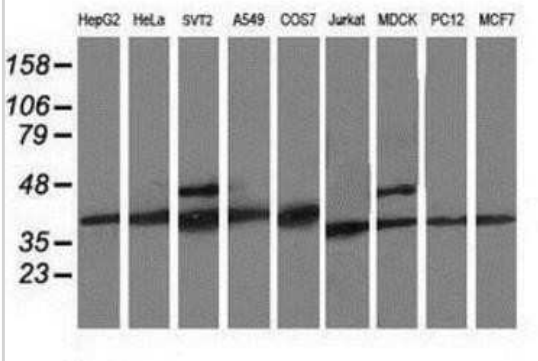
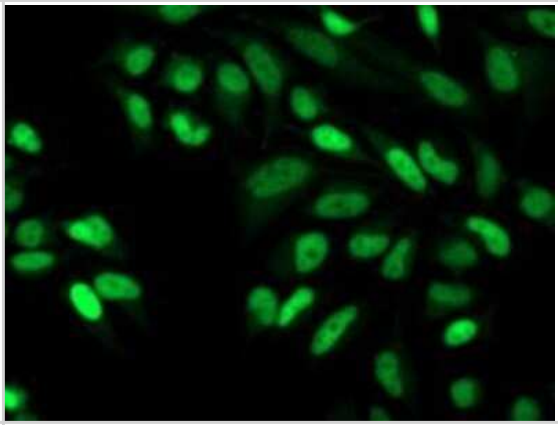
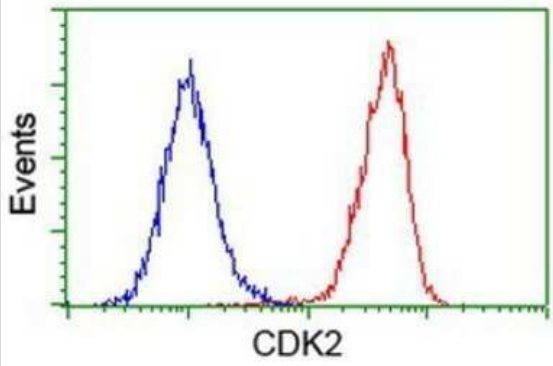
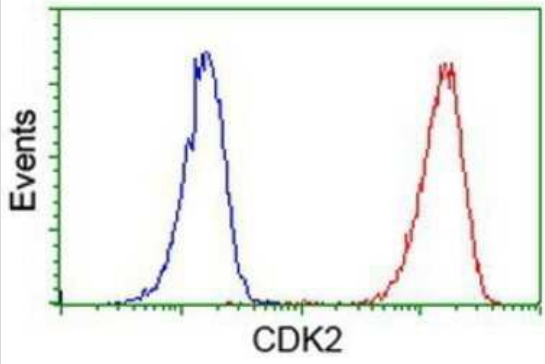


Immunohistochemistry: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-Cdk2 mouse monoclonal antibody.



Flow Cytometry: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Cdk2 antibody, and then analyzed by flow cytometry.



Western Blot: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Cdk2 monoclonal antibody.	
Immunocytochemistry/Immunofluorescence: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Staining of HeLa cells using anti-Cdk2 mouse monoclonal antibody.	
Flow Cytometry: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Analysis of Hela cells, using anti-Cdk2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).	
Flow Cytometry: CDK2 Antibody (OTI2D9) - Azide and BSA Free [NBP2-70392] - Analysis of Jurkat cells, using anti-Cdk2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).	

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 NBP2-70392

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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