

# Product Datasheet

## CDK2 [p Tyr15] Antibody (2C4) - BSA Free NBP3-26428-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26428-100ul**

CDK2 [p Tyr15] Antibody (2C4) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2C4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit CDK2 [p Tyr15] Antibody (2C4) - BSA Free (NBP3-26428) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1017
<b>Gene Symbol</b>	CDK2
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human CDK2 [p Tyr15] [UniProt P24941]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunoprecipitation 1:200-1:1000



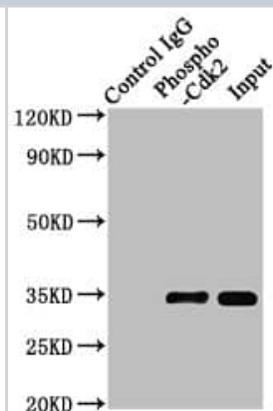
## Images

Immunoprecipitation: CDK2 [p Tyr15] Antibody (2C4) [NBP3-26428] - Immunoprecipitating CDK2 [p Tyr15] in HeLa whole cell lysate treated with Pervanadate.

Lane 1: Rabbit control IgG (1ug) instead of NBP3-26428 in HeLa whole cell lysate treated with Pervanadate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000).

Lane 2: NBP3-26428 (3ug) + HeLa whole cell lysate treated with Pervanadate (1mg).

Lane 3: HeLa whole cell lysate treated with Pervanadate (20ug).



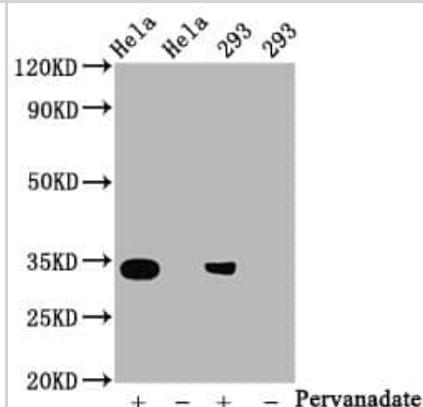
Western Blot: CDK2 [p Tyr15] Antibody (2C4) [NBP3-26428] - Positive Western Blot detected in: HeLa whole cell lysate, 293 whole cell lysate (treated with Pervanadate or not).

All lanes: CDK2 [p Tyr15] Antibody at 0.8ug/ml.

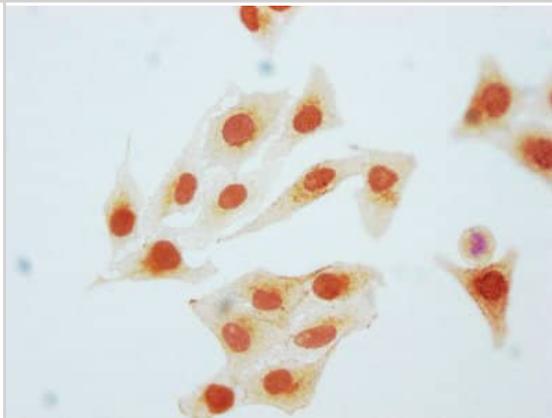
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 34 KDa

Observed band size: 34 KDa



Immunocytochemistry/Immunofluorescence: CDK2 [p Tyr15] Antibody (2C4) [NBP3-26428] - Analysis of CDK2 [p Tyr15] Antibody (2C4) diluted at 1:80 and staining in HeLa cells (treated with Pervanadate). The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.





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### **Products Related to NBP3-26428-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72424-50ug	Recombinant Human CDK2 His Protein

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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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