

# Product Datasheet

## CDK2 Antibody (1A6) - BSA Free NBP2-37507

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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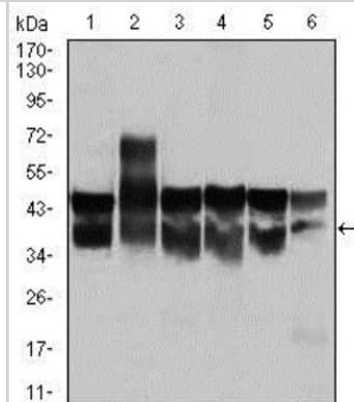
**NBP2-37507**

CDK2 Antibody (1A6) - BSA Free

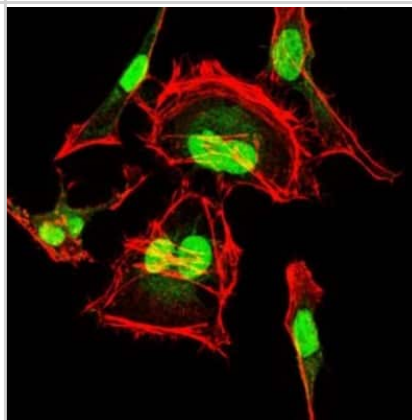
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A6
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	33.9 kDa
Product Description	
Host	Mouse
Gene ID	1017
Gene Symbol	CDK2
Species	Human, Mouse
Reactivity Notes	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 Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Purified recombinant fragment of human CDK2 expressed in E. Coli.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready. CDK2 antibody validated for IHC-P from a verified customer review.

## Images

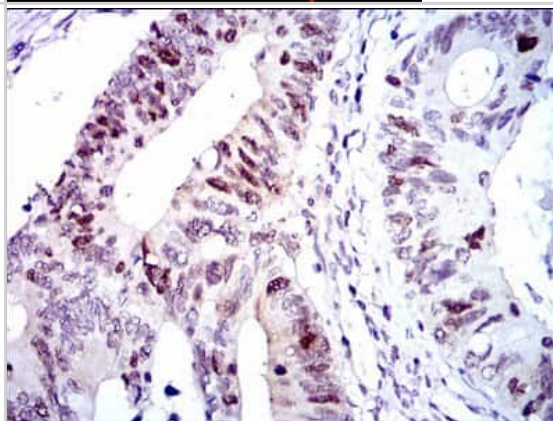
Western Blot: CDK2 Antibody (1A6) [NBP2-37507] - Analysis using CDK2 mouse mAb against Jurkat (1), HL-60 (2), K562(3), A431(4), HeLa (5), and NIH3T3 (6) cell lysate.



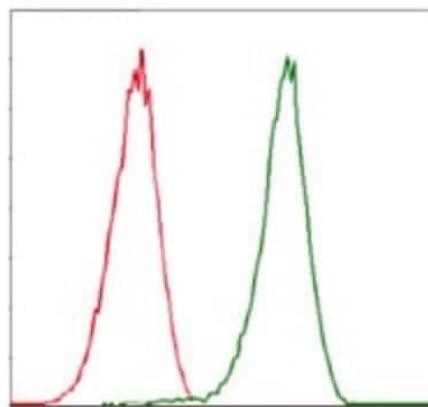
Immunocytochemistry/Immunofluorescence: CDK2 Antibody (1A6) [NBP2-37507] - Analysis of HeLa cells using CDK2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



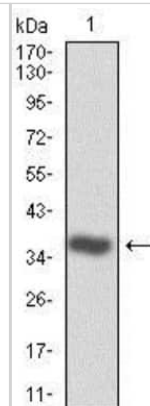
Immunohistochemistry-Paraffin: CDK2 Antibody (1A6) [NBP2-37507] - Analysis of colon cancer tissues using CDK2 mouse mAb with DAB staining.



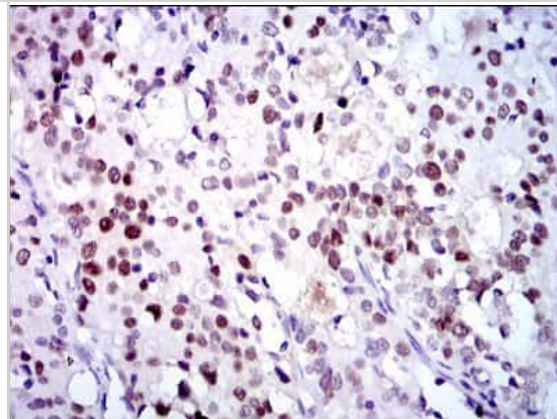
Flow Cytometry: CDK2 Antibody (1A6) [NBP2-37507] - Analysis of Jurkat cells using CDK2 mouse mAb (green) and negative control (red).



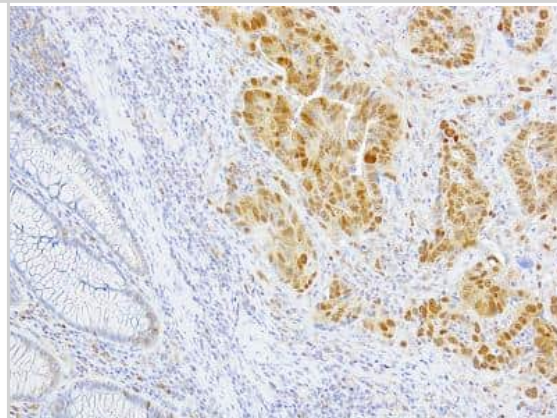
Western Blot: CDK2 Antibody (1A6) [NBP2-37507] - Analysis using CDK2 mAb against human CDK2 (AA: 197-295) recombinant protein. (Expected MW is 36.8 kDa)



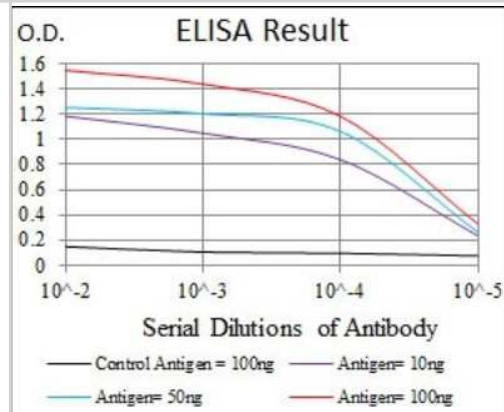
Immunohistochemistry-Paraffin: CDK2 Antibody (1A6) [NBP2-37507] - Analysis of cervical cancer tissues using CDK2 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: CDK2 Antibody (1A6) [NBP2-37507] - Analysis of CDK2 in colon cancer tissue using anti-CDK2 antibody. Image submitted by a verified customer review.



ELISA: CDK2 Antibody (1A6) [NBP2-37507] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37507**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51887-0.05mg	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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