

# Product Datasheet

## CDK4 Antibody (6N3M6)

### NBP3-15344-100ul

Unit Size: 100 ul

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

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**NBP3-15344-100ul**

CDK4 Antibody (6N3M6)

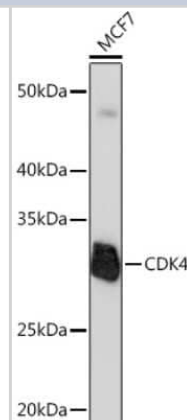
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6N3M6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
<b>Description</b>	Novus Biologicals Rabbit CDK4 Antibody (6N3M6) (NBP3-15344) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1019
<b>Gene Symbol</b>	CDK4
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 204-303 of human CDK4 (NP_000066.1). FAEMFRRKPLFCGNSEADQLGKIFDLIGLPPEDDWPRDVSLPRGAFPPRGPRP VQSVVPEMEESGAQLLLEMLTFNPHKRISAFRALQHSYLHKDEGNPE

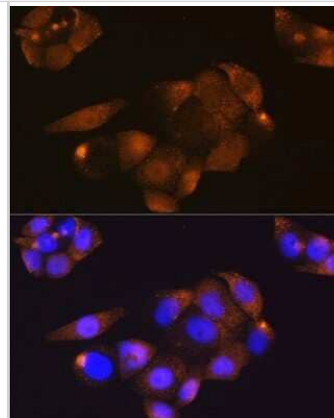
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:100 - 1:500, Immunohistochemistry-Paraffin 1:100 - 1:500

**Images**

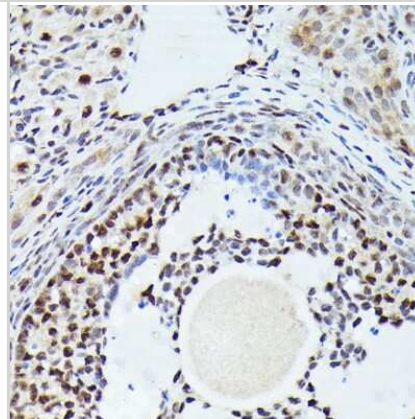
Western Blot: CDK4 Antibody (3G7Q7) [NBP3-15344] - Western blot analysis of extracts of MCF7 cells, using CDK4 Rabbit mAb (NBP3-15344) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



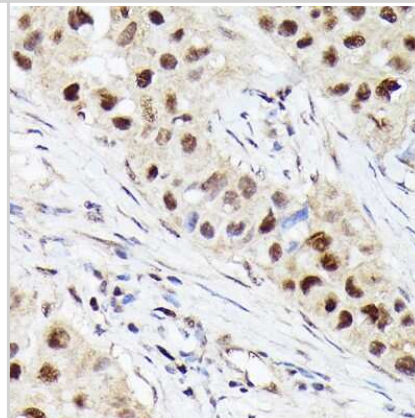
Immunocytochemistry/Immunofluorescence: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunofluorescence analysis of HeLa cells using CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



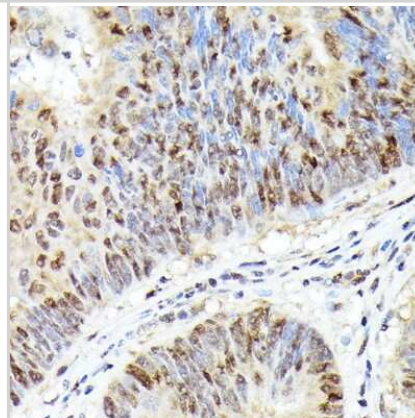
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded rat ovary using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



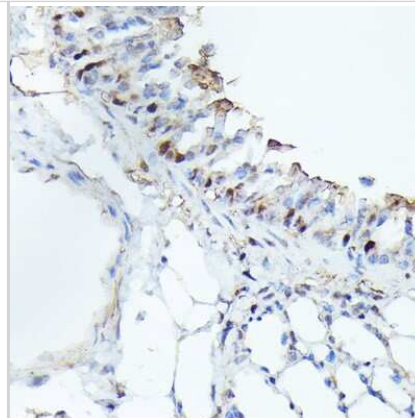
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded human breast cancer using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



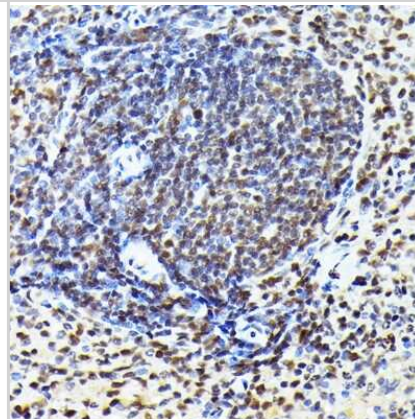
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded human colon carcinoma using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



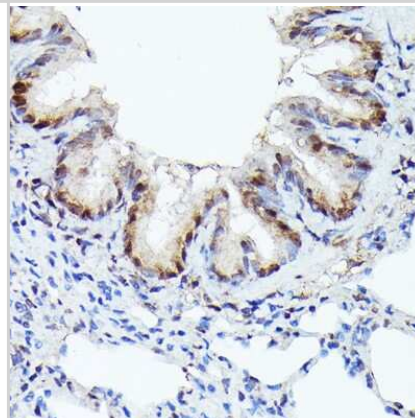
**Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]**  
 - Immunohistochemistry of paraffin-embedded mouse lung using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]**  
 - Immunohistochemistry of paraffin-embedded mouse spleen using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]**  
 - Immunohistochemistry of paraffin-embedded rat lung using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Western Blot: CDK4 Antibody (6N3M6) [CDK4]** - Western blot analysis of various lysates, using CDK4 Rabbit mAb at 1:1000 dilution.

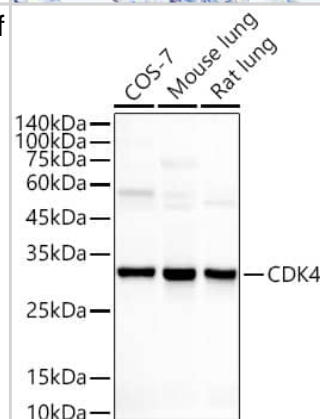
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

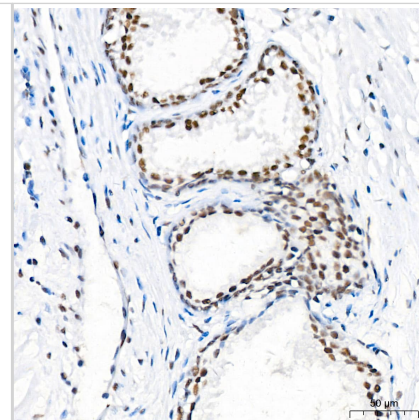
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

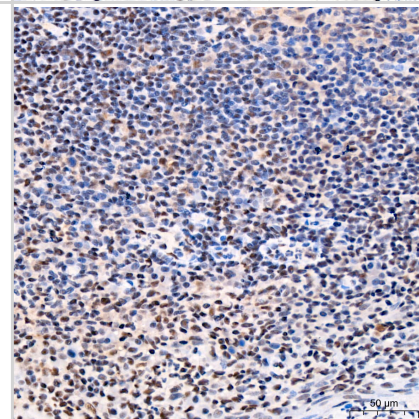
Exposure time: 10s.



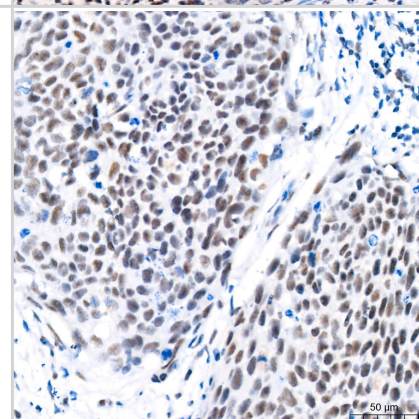
Immunohistochemistry: CDK4 Antibody (6N3M6) [CDK4] -  
Immunohistochemistry analysis of paraffin-embedded Human prostate  
tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x  
lens). High pressure antigen retrieval performed with 0.01M Citrate  
Bufferr (pH 6.0) prior to IHC staining.



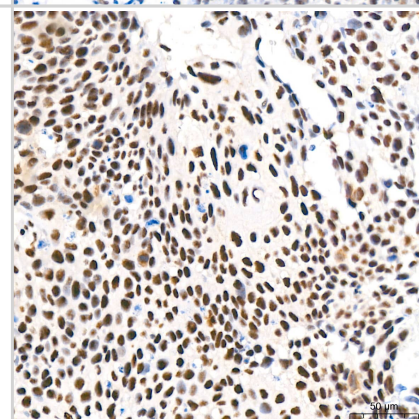
Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -  
Immunohistochemistry analysis of paraffin-embedded Human tonsil  
tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x  
lens). High pressure antigen retrieval performed with 0.01M Citrate  
Bufferr (pH 6.0) prior to IHC staining.



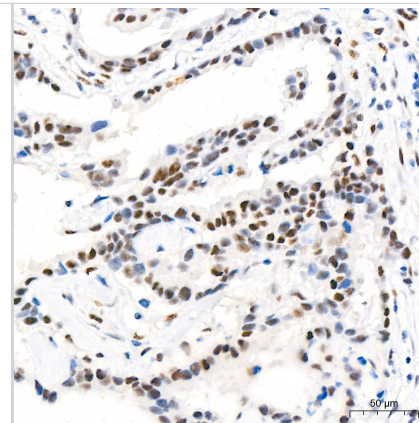
Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -  
Immunohistochemistry analysis of paraffin-embedded Human cervix  
cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of  
1:500 (40x lens). High pressure antigen retrieval performed with 0.01M  
Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -  
Immunohistochemistry analysis of paraffin-embedded Human cervix  
cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of  
1:500 (40x lens). High pressure antigen retrieval performed with 0.01M  
Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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General: novus@novusbio.com

### **Products Related to NBP3-15344-100ul**

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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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