

# Product Datasheet

## CDC2/CDK1 Antibody (CDK1/873) [Biotin] NBP3-11507B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11507B**

CDC2/CDK1 Antibody (CDK1/873) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CDK1/873
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	983
Gene Symbol	CDK1
Species	Human, Bovine, Mink, Monkey, <i>S. pombe</i> (Negative), <i>Drosophila</i> (Negative), Mouse (Negative), Rat (Negative), <i>Xenopus</i> (Negative), Yeast (Negative)
Reactivity Notes	Does not react with Mouse, Rat, <i>Xenopus</i> , <i>drosophila</i> , <i>S. pombe</i> or <i>S. cerevisiae</i> .
Specificity/Sensitivity	Recognizes a 34kDa protein, which is identified as cyclin dependent kinase 1 (cdk1) or p34cdc2 protein kinase. cdk1 / p34cdc2 plays a crucial role during cell division and is most active during mitosis. It is predominantly localized in the nucleus. It is a serine/threonine kinase, which is activated by cyclin, presumably by de-phosphorylation of tyrosine residues. Activated cdk1 / p34cdc2 performs specific functions during mitosis, including nuclear envelope breakdown and chromosome condensation.
Immunogen	Recombinant human full-length CDC2/CDK1 protein. (Uniprot: P06493)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-11507B**

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NBP2-51886-0.05mg	Recombinant Human CDC2/CDK1 His Protein
NBL1-08991	CDC2/CDK1 Overexpression Lysate
NB500-106	PCNA Antibody (PC10)
NB200-103	p53 Antibody (PAb 240) - BSA Free

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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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