

# Product Datasheet

## **CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [HRP] NBP2-34711H**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NBP2-34711H**

CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [HRP]

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	POH-1; same as cdc2.1
Preservative	No Preservative
Isotype	IgG2a Kappa
Conjugate	HRP
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	983
Gene Symbol	CDK1
Species	Human, Bovine, Mink, Monkey, Drosophila (Negative), Mouse (Negative), Rat (Negative), Xenopus (Negative)
Reactivity Notes	Does not react with Mouse, Rat, Xenopus, drosophila, S. pombe or S. cerevisiae.
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 full-length human p34cdc2 protein (Uniprot: P06493)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready



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**Products Related to NBP2-34711H**

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NBP2-52017-0.1mg	Recombinant Human CDC2/CDK1 His Protein
NBP2-75169	Human CDC2/CDK1 ELISA Kit (Colorimetric)
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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