

Product Datasheet

CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [Alexa Fluor® 750] **NBP2-34711AF750**

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34711AF750

CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [Alexa Fluor® 750]

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	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 750
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
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)

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Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP2-34711AF750

NBP1-96981AF750	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 750]
NBP2-51886-0.05mg	Recombinant Human CDC2/CDK1 His Protein
NBP2-75169	Human CDC2/CDK1 ELISA Kit (Colorimetric)
NB500-106	PCNA Antibody (PC10)

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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