

Product Datasheet

CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [mFluor Violet 450 SE] NBP2-34711MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34711MFV450

CDC2/CDK1 Antibody (POH-1; same as cdc2.1) [mFluor Violet 450 SE]

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	mFluor Violet 450 SE
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)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. 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.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, 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 NBP2-34711MFV450

NBP1-96981MFV450	Mouse IgG2a Kappa Isotype Control (M2AK) [mFluor Violet 450 SE]
NBP2-51886-0.05mg	Recombinant Human CDC2/CDK1 His Protein
NBP2-75169	Human CDC2/CDK1 ELISA Kit (Colorimetric)
NB500-106	PCNA Antibody (PC10) - BSA Free

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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