

Mouse anti-Human CDC2 Monoclonal Antibody | anti-CDC2 antibody

CDC2 (Cell Division Control Protein 2 Homolog, CDC28A, Cell Division Protein Kinase 1, Cyclin-dependent Kinase 1, CDK1, p34 Protein Kinase, P34CDC2) (AP)

CATALOG # AAA24163	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CDC2; Monoclonal Antibody; CDC2 (Cell Division Control Protein 2 Homolog; CDC28A; Cell Division Protein Kinase 1; Cyclin-dependent Kinase 1; CDK1; p34 Protein Kinase; P34CDC2) (AP); anti-CDC2 antibody

PRODUCT SPECIFICATIONS

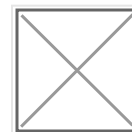
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A4-1A9
Specificity	Recognizes human CDC2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Sequence Length	1119
Applicable Applications for anti-CDC2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-297 from human CDC2 (AAH14563) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEDYTKIEKIGEGTYGVVYKGRHKTTGQVVAMKKIRLESEEEGVPSTAIRESLLKELRHPNIVSLQDVLMDQSRLLYLIFEFLSMDLKKYLD SIPPQQYMDSS
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use.

IMAGES



WB (Western Blot)

CDC2 monoclonal antibody, Western Blot analysis of CDC2 expression in Hela.



Application Data

Detection limit for recombinant GST tagged CDC2 is ~30ng/ml as a capture antibody.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to CDC2 on HeLa cell. [antibody concentration 10ug/ml].

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to CDC2 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 0.3ug/ml].

**WB (Western Blot)**

Western Blot analysis of CDC2 expression in transfected 293T cell line by CDC2 monoclonal antibody. Lane 1: CDC2 transfected lysate (34.1kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

Western Blot detection against Immunogen (58.41kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDC2 antibody

[Antibodies](#); [Protein Kinases](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15778966
NCBI GeneID	983
NCBI Official Full Name	Homo sapiens cell division cycle 2, G1 to S and G2 to M, mRNA
NCBI Official Synonym Full Names	cyclin dependent kinase 1
NCBI Official Symbol	CDK1
NCBI Official Synonym Symbols	CDC2; CDC28A; P34CDC2
NCBI Protein Information	cyclin-dependent kinase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc2-antibody-clone-1a4-1a9-immunohistochemistry-western-blot-elisa/24163>