

Mouse anti-Human, Mouse CDC25C Monoclonal Antibody | anti-CDC25C antibody

CDC25C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322674	Mouse	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

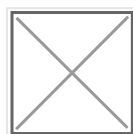
PRODUCT SYNONYMS

CDC25C; Monoclonal Antibody; CDC25C Antibody; CDC 25; Cdc 25C; CDC25; Cell division cycle 25 homolog C; Cell division cycle 25C; Cell division cycle 25C protein; Dual specificity phosphatase Cdc25C; M phase inducer phosphatase 3; M-phase inducer phosphatase 3; Mitosis inducer CDC25; MPIP3; MPIP3_HUMAN; Phosphotyrosine phosphatase; PPP1R60; protein phosphatase 1; regulatory subunit 60; anti-CDC25C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	CDC25C antibody detects endogenous levels of total CDC25C
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-CDC25C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CDC25C expressed in E. Coli
Subcellular Location	Nucleus.
Tissue Specificity	Expressed predominantly in G2 phase.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Figure 1: Western blot analysis using anti-CDC25C mAb against Hela (1), K562 (2), PC-3 (3), HEK293 (4) and Raw264.7 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC25C antibody	Description: A member of the MPI phosphatase family. Activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. Shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. At least four transcript variants for this gene exist. Three splice variant isoforms have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	567316253
NCBI GeneID	995
NCBI Accession #	NP_001274511.1
NCBI GenBank Nucleotide #	NM_001287582.1
UniProt Accession #	P30307; Q96PL3; Q9H168; Q9H2E8; Q9H2E9; Q9H2F1; D3DQB8
Molecular Weight	58kDa
NCBI Official Full Name	M-phase inducer phosphatase 3 isoform a
NCBI Official Synonym Full Names	cell division cycle 25C
NCBI Official Symbol	CDC25C
NCBI Official Synonym Symbols	CDC25; PPP1R60
NCBI Protein Information	M-phase inducer phosphatase 3
UniProt Protein Name	M-phase inducer phosphatase 3
UniProt Gene Name	CDC25C

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/cdc25c-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322674>