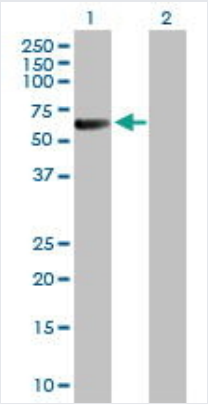
CDC25C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CDC25C, Polyclonal Antibody
Full Product Name	CDC25C (Cell Division Cycle 25 Homolog C, Cdc 25C, CDC 25, Dual Specificity Phosphatase Cdc25C, M-phase Inducer Phosphatase 3, MPIP3, PPP
Product Gene Name	anti-CDC25C antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CDC25C.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	45,608 Da
Immunogen	Full length human CDC25C, aa1-473 (AAH19089.1).
Immunogen Sequence	MSTELFSSTREEGSSGSGPSFRSNQRKMLNLLLERDTSFTVCPDVPRTPVGKFLGDSANLSILSGGTPKCCLDLSNLSSGEITATQLTTSADLDETGHLDS
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-CDC25C antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-CDC25C antibody	Western Blot (WB)
Application Notes for anti-CDC25C antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDC25C antibody	Cdc25C is a tyrosine protein phosphatase required for progression of the cell cycle. Cdc25C activates cell cycle-specific cyclin-dependent kinases (CD
Other Notes	Small volumes of anti-CDC25C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for CDC25C purchase	MBS6373434 is an antibody targeting CDC25C. Also known as CDC25C (Cell Division Cycle 25 Homolog C, Cdc 25C, CDC 25, Dual Specificity Phosp



Western Blot (WB) of anti-CDC25C antibody
Western Blot analysis of CDC25C expression in transfected 293T cell line by CDC25C polyclonal antibody. Lane 1: CDC25C transfected lysate (53.3kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDC25C. It may not necessarily be applicable to this product.

NCBI GI #	17512215
NCBI GeneID	995
NCBI Accession #	AAH19089.1
UniProt Secondary Accession #	Q96PL3; Q9H168; Q9H2E8; Q9H2E9; Q9H2F1; D3DQB8
UniProt Related Accession #	P30307
GenBank Nucleotide #	NM_001790
NCBI Official Full Name	Cell division cycle 25 homolog C (S. pombe)
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; mitosis inducer CDC25; phosphotyrosine phosphatase; dual specificity phosphatase CDC25C; protein phosphatase 1, regulatory subunit 60
NCBI Summary for CDC25C	This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known. [provided by RefSeq, Jul 2008]
Research Articles on CDC25C	**1.** we conclude that inhibition of KIF22 suppresses cancer cell proliferation by delaying mitotic exit through the transcriptional upregulation of CDC25C.
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