

RecomAb™

CDC25B recombinant monoclonal antibody, clone 3D6

Catalog # RAB04343 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CDC25B.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CDC25B.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CDC25B

 Entrez GeneID [994](#)

Protein Accession#	P30305
Gene Name	CDC25B
Gene Alias	-
Gene Description	cell division cycle 25 homolog B (S. pombe)
Omim ID	116949
Gene Ontology	Hyperlink
Gene Summary	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B 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. Multiple transcript variants for this gene exist. [provided by RefSeq]
Other Designations	OTTHUMP00000030137 OTTHUMP00000030138 OTTHUMP00000030139 cell division cycle 25B

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)