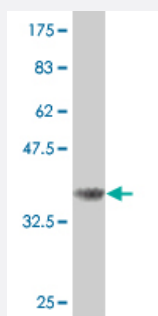


CDC25B monoclonal antibody (M01), clone 7E8

Catalog # H00000994-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CDC25B.
Immunogen	CDC25B (NP_068660, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VRFWKAGVGALREEEGACWGGSLACEDPPLPSWLQDGFVFKMPWKPTHPSSSTHALAEWASR REAF AQR PSSAPDLMCLSPDRKMEVEELSPLALGRFSLT
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDC25B

Entrez GeneID [994](#)

GeneBank Accession# [NM_021874](#)

Protein Accession# [NP_068660](#)

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](#)