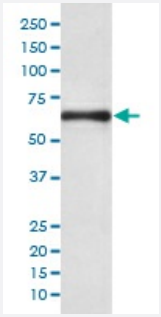
CDC6 monoclonal antibody, clone HIE-3

Catalog # MAB19869 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Hela cell lysate treated with hydroxyurea with CDC6 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CDC6.
Immunogen	A synthetic peptide corresponding to human CDC6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of Hela cell lysate treated with hydroxyurea with CDC6 monoclonal antibody.

Gene Info — CDC6

Entrez GeneID	990
Protein Accession#	Q99741
Gene Name	CDC6
Gene Alias	CDC18L, HsCDC18, HsCDC6
Gene Description	cell division cycle 6 homolog (S. cerevisiae)
Omim ID	602627
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is highly similar to Saccharomyces cerevisiae Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early step s of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplas m at the start of S phase. The subcellular translocation of this protein during cell cyle is regulated t hrough its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in r esponse to mitogenic signals through transcriptional control mechanism involving E2F proteins. [p rovided by RefSeq
Other Designations	CDC18 (cell division cycle 18, S.pombe, homolog)-like|CDC6 cell division cycle 6 homolog|CDC 6-related protein|cell division cycle 6 protein

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Pathway

- Cell cycle

Disease

- Carcinoma
- Genetic Predisposition to Disease
- Kidney Failure
- Liver Neoplasms
- Lymphoma
- Pulmonary Disease
- Uterine Cervical Neoplasms

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