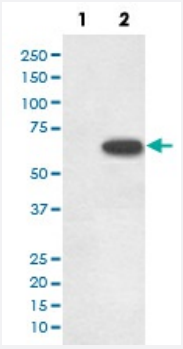
CDC6 (phospho S54) monoclonal antibody, clone HIB-3

Catalog # MAB20338 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) Raji cell lysate; (2) Raji + FBS cell lysate with CDC6 (phospho S54) monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CDC6.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S54 of 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) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).

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

- Western Blot (Cell lysate)

  Western blot analysis of (1) Raji cell lysate; (2) Raji + FBS cell lysate with CDC6 (phospho S54) monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

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

Pathway

- Cell cycle

Disease

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