



# Cdc6 (phospho Ser54) Monoclonal Antibody

<b>Catalog No</b>	BYmab-16615
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Monkey
<b>Applications</b>	WB
<b>Gene Name</b>	CDC6
<b>Protein Name</b>	Cell division control protein 6 homolog
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDC6 around the phosphorylation site of Ser54. AA range:20-69
<b>Specificity</b>	Phospho-Cdc6 (S54) Monoclonal Antibody detects endogenous levels of Cdc6 protein only when phosphorylated at S54.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CDC6; CDC18L; Cell division control protein 6 homolog; CDC6-related protein; Cdc18-related protein; HsCdc18; p62(cdc6); HsCDC6
<b>Observed Band</b>	62kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . The protein is nuclear in G1 and cytoplasmic in S-phase cells (PubMed:9566895).
<b>Tissue Specificity</b>	Brain,Epithelium,
<b>Function</b>	function:Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated..similarity:Belongs to the CDC6/cdc18 family.,subcellular location:The protein is nuclear in G1 and cytoplasmic in S-phase cells.,subunit:Interacts with PCNA, ORC1L, cyclin-CDK and HUWE1.,
<b>Background</b>	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 steps of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplasm at the start of S

**Nanjing BYabscience technology Co.,Ltd**



phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

Nanjing BYabscience technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658