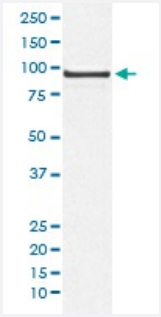
CDC27 monoclonal antibody, clone IOB-3

Catalog # MAB19862 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293T cell lysate with CDC27 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CDC27.
Immunogen	A synthetic peptide corresponding to human CDC27.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	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.
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.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — CDC27

Entrez GeneID	996
Protein Accession#	P30260
Gene Name	CDC27
Gene Alias	APC3, CDC27Hs, D0S1430E, D17S978E, HNUC
Gene Description	cell division cycle 27 homolog (S. cerevisiae)
Omim ID	116946
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene shares strong similarity with Saccharomyces cerevisiae protein Cdc27, and the gene product of Schizosaccharomyces pombe nuc 2. This protein is a componen t of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is r esponsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other memb ers of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important fo r protein-protein interaction. This protein was shown to interact with mitotic checkpoint proteins in cluding Mad2, p55CDC and BUBR1, and thus may be involved in controlling the timing of mitosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	anaphase-promoting complex, protein 3|cell division cycle protein 27|nuc2 homolog

Pathway

- Cell cycle
- Ubiquitin mediated proteolysis

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