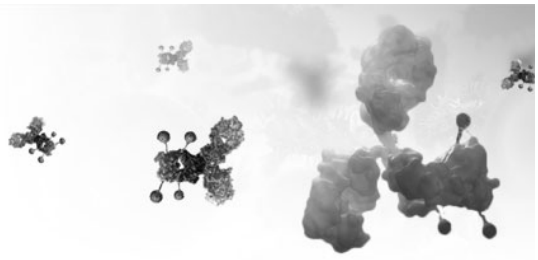

Anti-CDC27 monoclonal antibody, clone BG4.2 (DCABH-49)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Cdc27
Antigen Description	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of Lys-11-linked polyubiquitin chains and, to a lower extent, the formation of Lys-48- and Lys-63-linked polyubiquitin chains.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to amino acids 814-823 of Human Cdc27.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Cow, Dog, Human, Xenopus laevis
Clone	BG4.2
Purity	Protein A purified
Conjugate	Unconjugated
Applications	IP, WB, IHC-Fr, IHC-P, ELISA, Flow Cyt
Positive Control	HeLa cell nuclear extract.
Format	Liquid
Size	100 µg
Buffer	Preservative: 15mM Sodium Azide; Constituents: 0.01M PBS, pH 7.4

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Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CDC27 cell division cycle 27 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	CDC27
Synonyms	CDC27; cell division cycle 27 homolog (S. cerevisiae); cell division cycle 27 , D17S978E, D0S1430E; cell division cycle protein 27 homolog; ANAPC3; anaphase promoting complex subunit 3; APC3; NUC2; H-NUC; nuc2 homolog; CDC27 homolog; anaphase-promoting co
Entrez Gene ID	996
Protein Refseq	NP_001107563
UniProt ID	P30260
Chromosome Location	17q21.32
Pathway	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem;
Function	protein binding; protein phosphatase binding;

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