

Mouse anti-Human CDC27 Antibody | anti-CDC27 antibody

CDC27 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108490	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

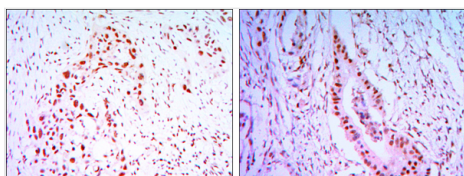
PRODUCT SYNONYMS

CDC27; CDC27 Antibody; APC3; HNUC; ANAPC3; CDC27Hs; D0S1430E; D17S978E; anti-CDC27 antibody

PRODUCT SPECIFICATIONS

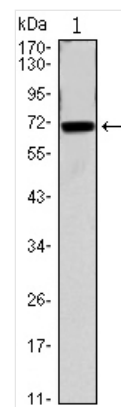
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5C12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	830
Applicable Applications for anti-CDC27 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CDC27 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded lung cancer tissues (left) and colon cancer tissues (right) using CDC27 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using CDC27 mouse mAb against CDC27-hlgFc transfected HEK293 cell.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC27 antibody	Cdc27 shares strong similarity with Saccharomyces cerevisiae protein Cdc27, and the gene product of Schizosaccharomyces pombe nuc 2. It is a component of the Anaphase Promoting Complex (APC), which is composed of eight protein subunits and is highly conserved in eucaryotic cells. The APC catalyzes the formation of the cyclin B ubiquitin conjugate that is responsible for the ubiquitin mediated proteolysis of B type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein protein interaction. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1, and thus may be involved in controlling the timing of mitosis.
Product Categories/Family for anti-CDC27 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466177
NCBI GeneID	996
NCBI Accession #	NP_001107563.1
NCBI GenBank Nucleotide #	NM_001114091.3
UniProt Accession #	P30260; Q16349; Q96F35; G3V1C4
Molecular Weight	91kDa
NCBI Official Full Name	cell division cycle protein 27 homolog isoform 1
NCBI Official Synonym Full Names	cell division cycle 27
NCBI Official Symbol	CDC27
NCBI Official Synonym Symbols	APC3; HNUC; NUC2; H-NUC; ANAPC3; CDC27Hs; D0S1430E; D17S978E
NCBI Protein Information	cell division cycle protein 27 homolog
UniProt Protein Name	Cell division cycle protein 27 homolog
UniProt Gene Name	CDC27
UniProt Synonym Gene Names	ANAPC3; D0S1430E; D17S978E; APC3; CDC27Hs

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.