

Product Name: CDC27 Mouse Monoclonal Antibody
Catalog #: AMM80858



Summary

Production Name	CDC27 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	CDC27
Alternative Names	APC3; HNUC; ANAPC3; CDC27Hs; D0S1430E; D17S978E;
Gene ID	996.0
SwissProt ID	P30260 . Purified recombinant fragment of human CDC27 expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	91kDa

Background

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

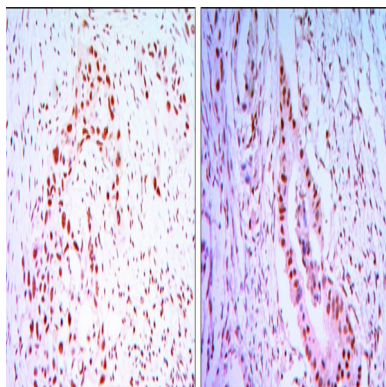
Product Name: CDC27 Mouse Monoclonal Antibody
Catalog #: AMM80858



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.

Research Area

Image Data



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

Note

For research use only.