

Mouse Monoclonal Antibody to CDC27

Catalogue Number	sAP-0417
Target Molecule	<p>Name: CDC27</p> <p>Aliases: APC3; HNUC; ANAPC3; CDC27Hs; D0S1430E; D17S978E;</p> <p>MW: 91kDa</p> <p>Entrez Gene ID: 996</p>
Description	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.
Immunogen	Purified recombinant fragment of human CDC27 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM5C12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Cell Biol. 2004 May;24(9):3577-87. ; 2. J Biol Chem. 2004 Oct 1;279(40):42128-38.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**