

## Mouse Monoclonal Antibody to CDC25C

<b>Catalogue Number</b>	sAP-0375
<b>Target Molecule</b>	<b>Name: CDC25C</b> <b>Aliases:</b> CDC25; CDC25C <b>MW: 58kDa</b> <b>Entrez Gene ID: 995</b>
<b>Description</b>	Cdc25C is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It has been highly conserved during evolution and it plays a key role in the regulation of cell division. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Cdc25C is mainly expressed in G2 phase. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known.
<b>Immunogen</b>	Purified recombinant fragment of human CDC25C expressed in E. Coli. ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM1F12;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cancer Cell. 2007 Mar;11(3):275-89. ; 2. Int J Biochem Cell Biol. 2007;39(9):1707-13. ; 3. Int J Cancer. 2010 May 1;126(9):2199-210.

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**