

## Mouse Monoclonal Antibody to CCNA2

<b>Catalogue Number</b>	sAP-1063
<b>Target Molecule</b>	<p><b>Name: CCNA2</b></p> <p><b>Aliases:</b> CCN1; CCNA</p> <p><b>MW: 48.6kDa</b></p> <p><b>Entrez Gene ID: 890</b></p>
<b>Description</b>	<p>The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.</p>
<b>Immunogen</b>	Purified recombinant fragment of human CCNA2 (AA: 105-233) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM6B4D11;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cancer. 2011 Sep 1;117(17):4080-91.; 2. J Phys Chem B. 2008 Jul 17;112(28):8346-53.

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**