Product Name: CCNA2 Mouse Monoclonal Antibody
Catalog #: AMM81401

Summary

Production Name	CCNA2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,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	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	CCNA2
Alternative Names	CCN1; CCNA
Gene ID	890.0
SwissProt ID	P20248.Purified recombinant fragment of human CCNA2 (AA: 105-233) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	48.6kDa

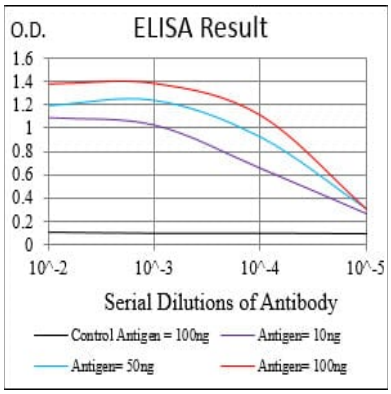
Background

Product Name: CCNA2 Mouse Monoclonal Antibody
Catalog #: AMM81401

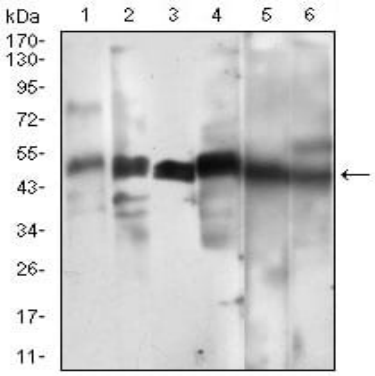
The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns 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.

Research Area

Image Data

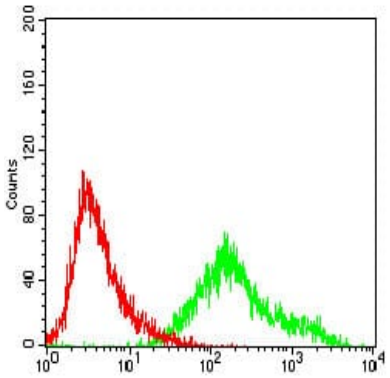


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

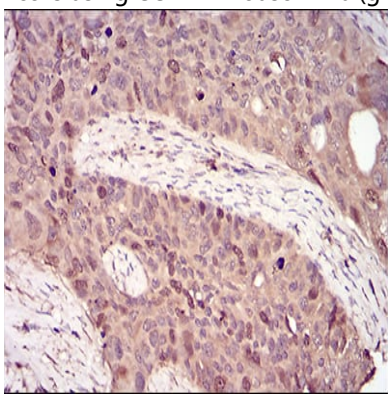


Western blot analysis using CCNA2 mouse mAb against Hela (1), HEK293 (2), Jurkat (3), K562 (4), SK-Br-3 (5), NIH/3T3 (6) cell lysate.

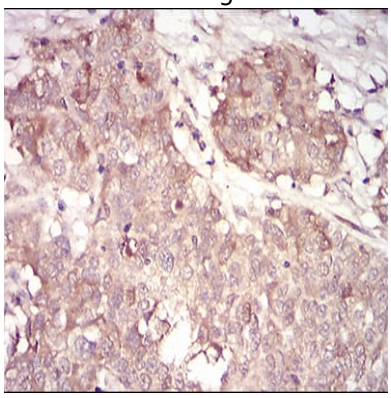
Product Name: CCNA2 Mouse Monoclonal Antibody
Catalog #: AMM81401



Flow cytometric analysis of A431 cells using CCNA2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CCNA2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CCNA2 mouse mAb with DAB staining.

Note

For research use only.