

Datasheet for ABIN5684040
anti-Cyclin A antibody (AA 105-233)[Go to Product page](#)

7 Images

Overview

Quantity:	0.1 mg
Target:	Cyclin A (CCNA2)
Binding Specificity:	AA 105-233
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cyclin A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human CCNA2 (AA: 105-233) expressed in E. coli.
Clone:	6B4D11
Purification:	purified

Target Details

Target:	Cyclin A (CCNA2)
Alternative Name:	CCNA2 (CCNA2 Products)
Background:	Description: 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

Target Details

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.

Aliases: CCN1, CCNA

Molecular Weight: 48.6 kDa

Gene ID: 890

HGNC: 890

Pathways: [PI3K-Akt Signaling](#), [Cell Division Cycle](#), [AMPK Signaling](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [M Phase](#), [Synthesis of DNA](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

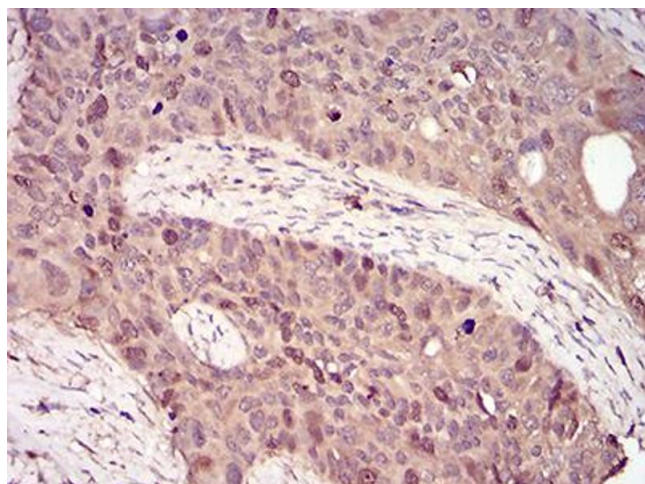
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

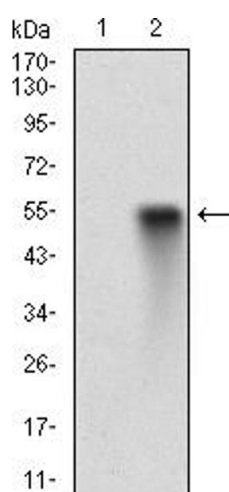
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



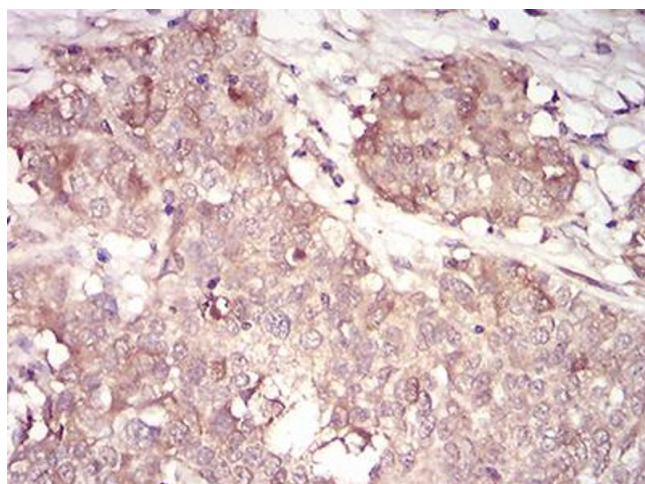
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CCNA2 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using CCNA2 mAb against HEK293 (1) and CCNA2 (AA: 105-233)-hlgGfC transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CCNA2 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5684040.