

Cyclin A2 Rabbit mAb

Catalog No.: A19036 **Recombinant** **5 Publications**

Basic Information

Observed MW

55kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0359

Background

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members function as regulators of the cell cycle. This protein binds and activates cyclin-dependent kinase 2 and thus promotes transition through G1/S and G2/M.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Contact

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Immunogen Information

Gene ID

890

Swiss Prot

P20248

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 11-210 of human Cyclin A2 (P20248).

Synonyms

CCN1; CCNA; Cyclin A2

Product Information

Source

Rabbit

Isotype

IgG

Purification

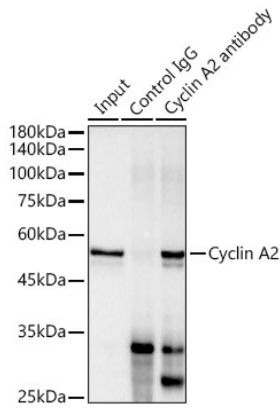
Affinity purification

Storage

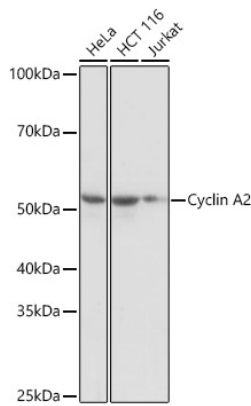
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

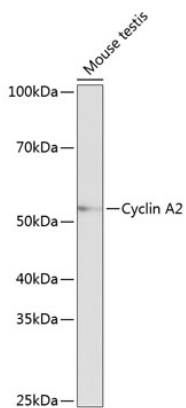
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Cyclin A2 antibody (A19036). Western blot was performed from the immunoprecipitate using Cyclin A2 antibody (A19036) at a dilution of 1:1000.

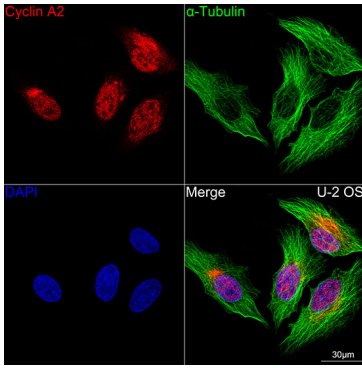


Western blot analysis of various lysates using Cyclin A2 Rabbit mAb (A19036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

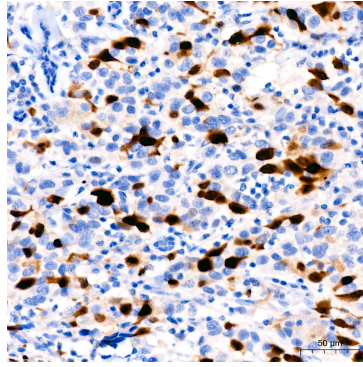


Western blot analysis of lysates from Mouse testis, using Cyclin A2 Rabbit mAb (A19036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

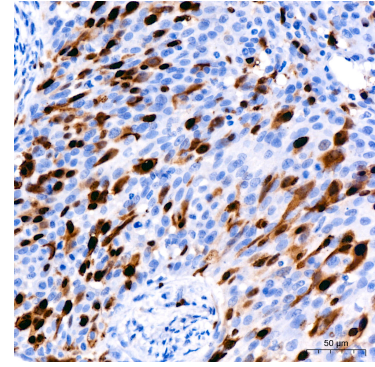
Validation Data



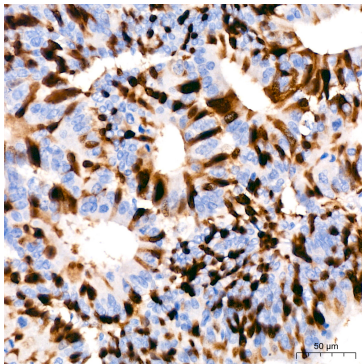
Confocal imaging of U-2 OS cells using Cyclin A2 Rabbit mAb (A19036, at dilution of 1:100) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



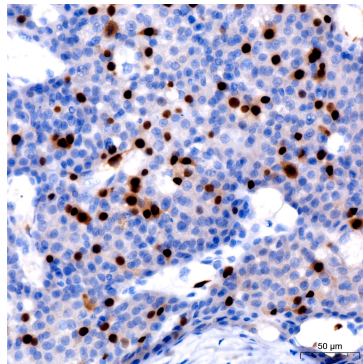
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human breast cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



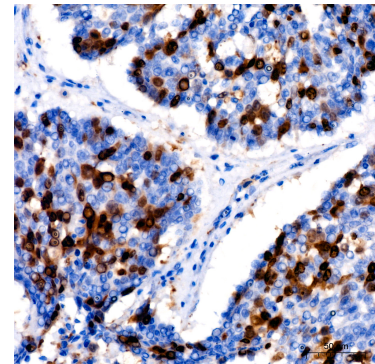
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded Human cervical squamous cell carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



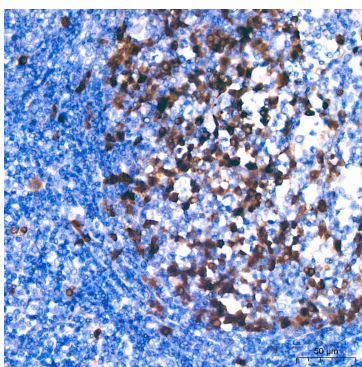
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human colon carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



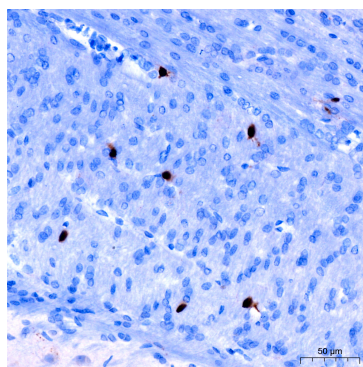
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human liver cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human lung cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human tonsil using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded rat brain using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.