# Cyclin A2 Rabbit mAb

Catalog No.: A19036 Recombinant 10 Publications



# **Basic Information**

## **Observed MW**

55kDa

### **Calculated MW**

49kDa

### Category

Primary antibody

## **Applications**

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

### **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 cyclindependent kinase 2 and thus promotes transition through G1/S and G2/M.

# **Recommended Dilutions**

WB 1:1000 - 1:6000 IHC-P 1:200 - 1:2000

**IHC-P** 1:200 - 1:2000

**IF/ICC** 1:100 - 1:1000

**IP** 0.5μg-4μg antibody for

200μg-400μg extracts of whole cells

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

## **Contact**

<u>a</u>	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

# **Immunogen Information**

**Gene ID**890

Swiss Prot
P20248

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

# **Synonyms**

CCN1; CCNA; Cyclin A2

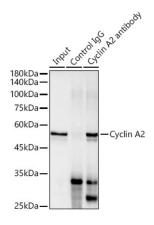
# **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

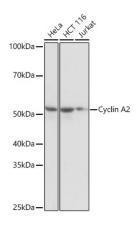
### **Storage**

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



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



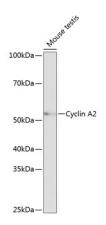
Western blot analysis of various lysates using Cyclin A2 Rabbit mAb (A19036) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

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.

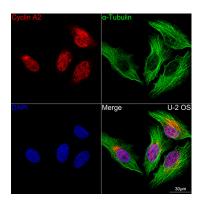
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

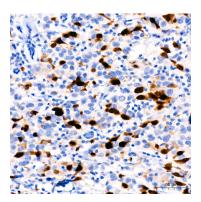
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

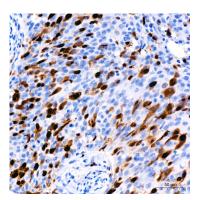
Exposure time: 10s.



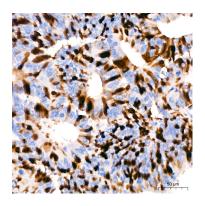
Confocal imaging of U-2 OS cells using Cyclin A2 Rabbit mAb (A19036,at dilution of 1:100) (Red). The cells were counterstained with  $\alpha\textsubscript{\text{-}}$  Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



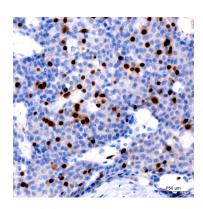
Immunohistochemistry analysis of paraffinembedded Human breast cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



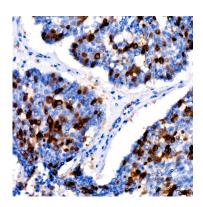
Immunohistochemistry analysis of paraffinembedded Human cervical squamous cell carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



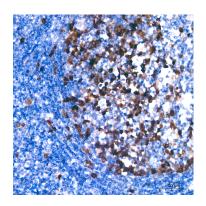
Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



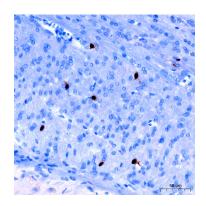
Immunohistochemistry analysis of paraffinembedded Human liver cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human lung cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.