A19036

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Cyclin A2 Rabbit mAb

Catalog No.: A19036 Recombinant 5 Publications

Basic Information

Observed MW
55kDa

Calculated MW
49kDa

Category
SMab Recombinant Monoclonal 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 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

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

Contact

www.abclonal.com

Product Information

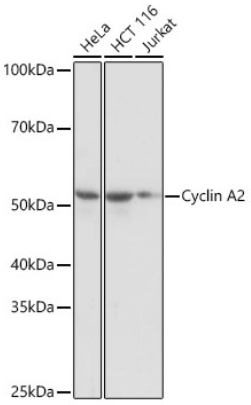
Source
Rabbit

Isotype
IgG

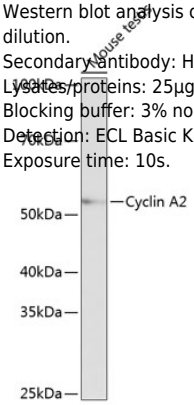
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

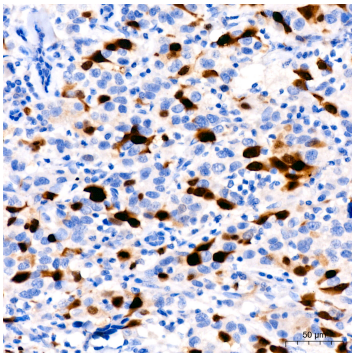
Validation Data



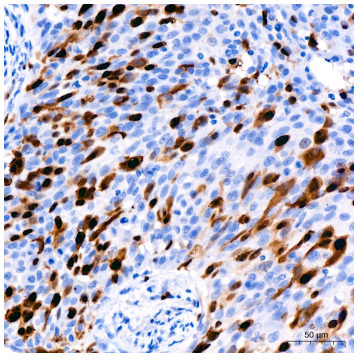
Western blot analysis of various lysates using Cyclin A2 Rabbit mAb (A19036) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: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



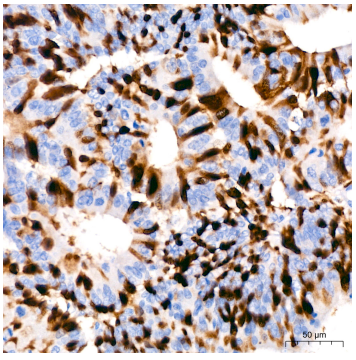
Western blot analysis of lysates from Mouse testis, using Cyclin A2 Rabbit mAb (A19036) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).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



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.

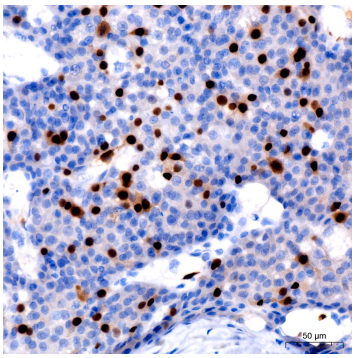


Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded Human cervical squamous cell carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

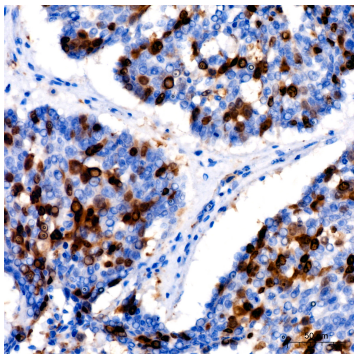


Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human colon carcinoma using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

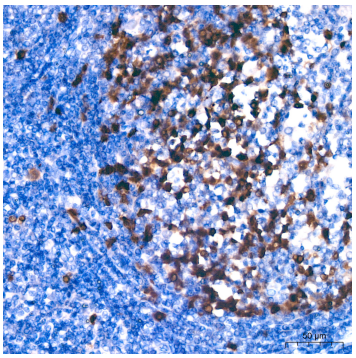
Validation Data



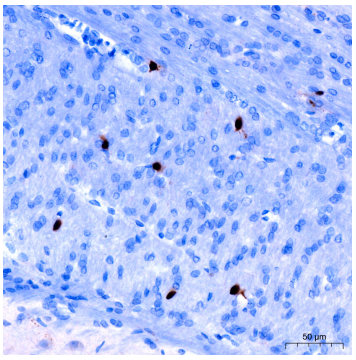
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human liver cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



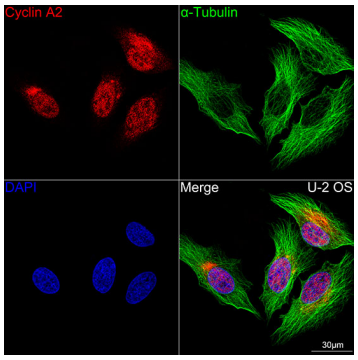
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human lung cancer using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



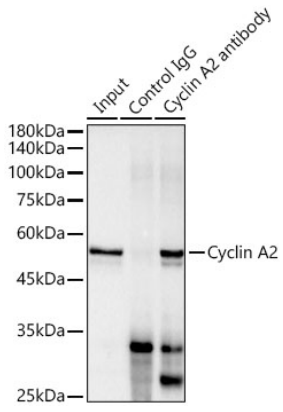
Immunohistochemistry analysis of Cyclin A2 in paraffin-embedded human tonsil using Cyclin A2 Rabbit mAb (A19036) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



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.



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.



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.