Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Anti CCND1 Antibody

Catalog No: tcsa15049

Available Sizes

Size: 100µl

Specifications

Application:
WB, IHC, IF, IP

Species Reactivity:
Human,Mouse,Rat

Host Species:
Rabbit

Immunogen / Amino acids:
Recombinant protein of human CCND1

Conjugation:
Unconjugated

Clonality:
Monoclonal

Isotype:
IgG

Form:
Liquid

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

Recommended Dilution:
WB 1:1000 - 1:5000
IHC 1:50 - 1:200
IF 1:50 - 1:100

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IP 1:20 - 1:50

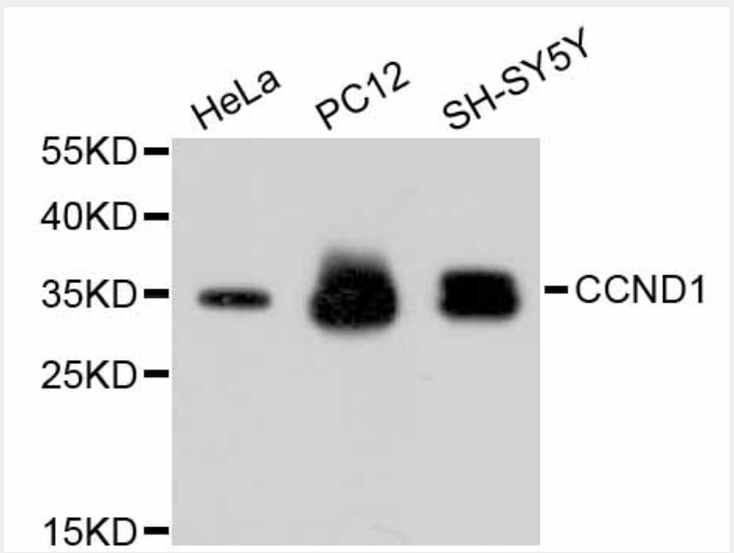
Storage Instruction:
Store at -20C. Avoid freeze / thaw cycles.

Alternative Names:
CCND1 antibody; G1/S-specific cyclin-D1 antibody; B-cell lymphoma 1 protein antibody; BCL-1 antibody; BCL-1 oncogene antibody; PRAD1 oncogene antibody; CCND1 antibody; BCL1 antibody; PRAD1 antibody

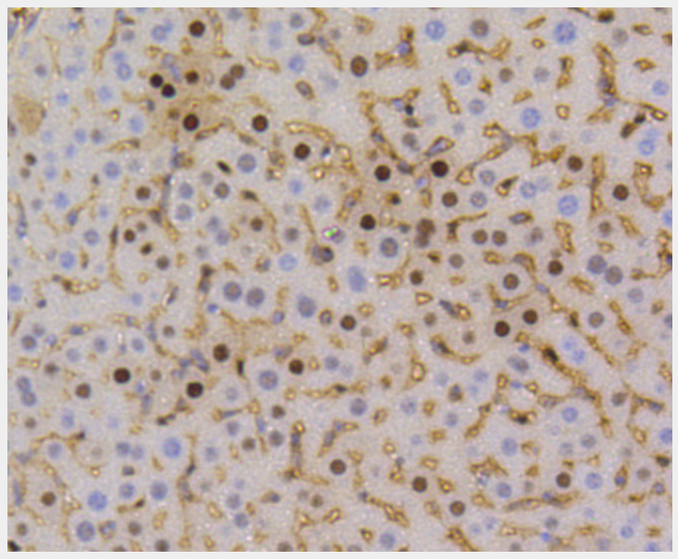
SwissProt:
P24385

Product 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 throughout 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. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis.



Western blot analysis of extracts of various cell lines, using CCND1 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded mouse liver using CCND1 antibody at dilution of 1:100 (40x lens).

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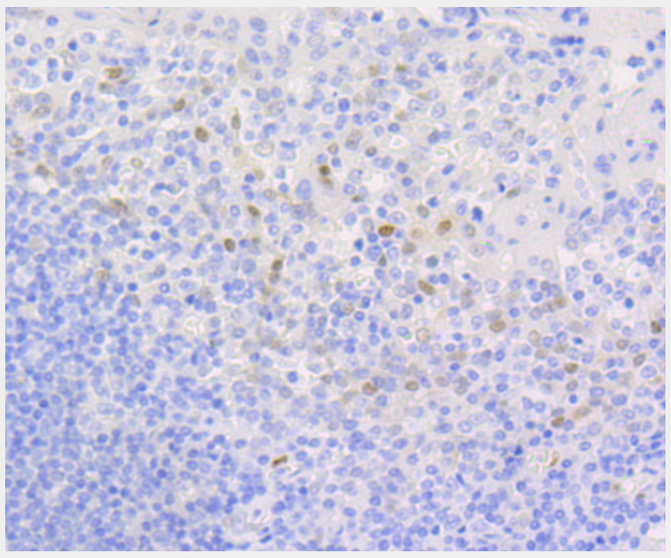
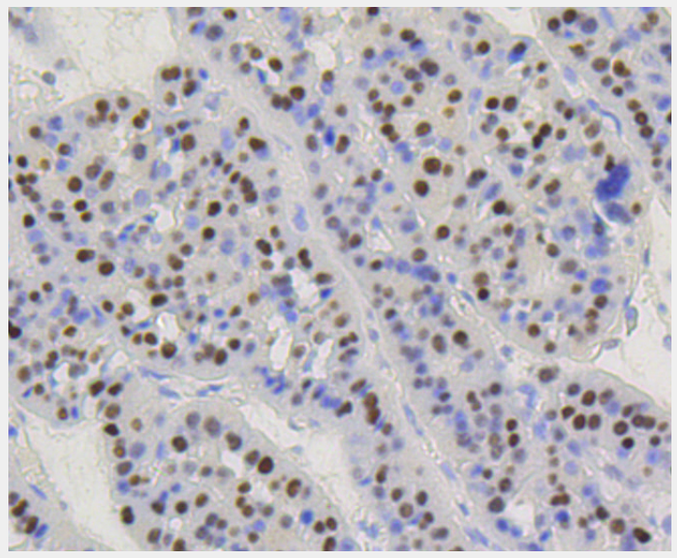
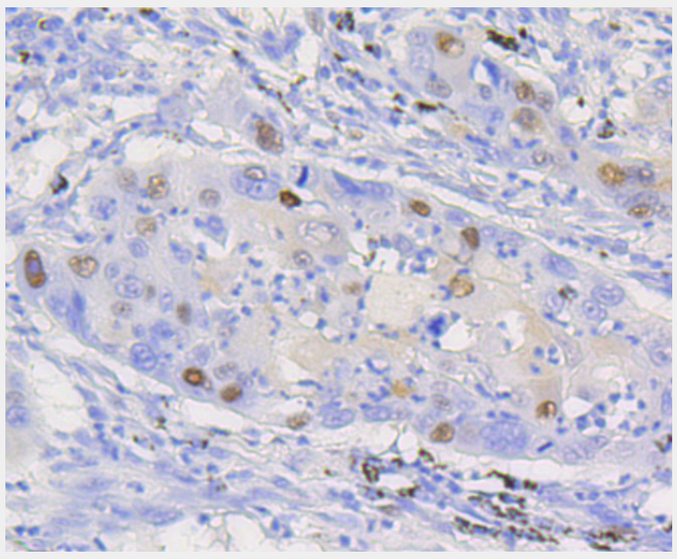


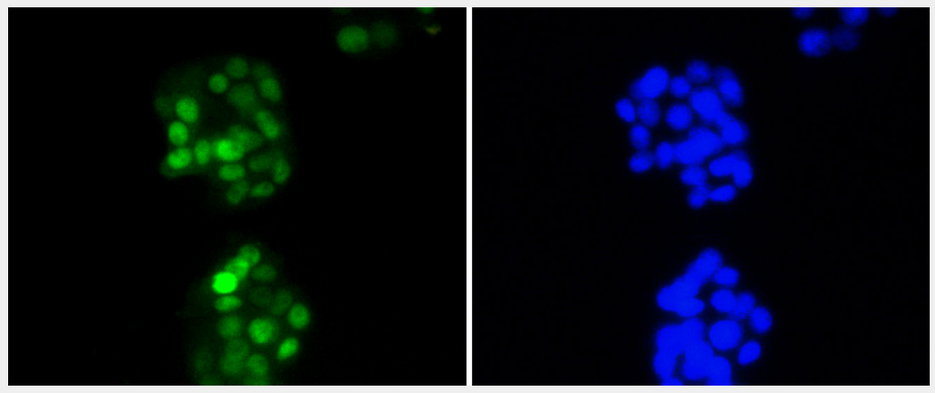
Immunohistochemistry of paraffin-embedded human tonsil using CCND1 antibody at dilution of 1:100 (40x lens).



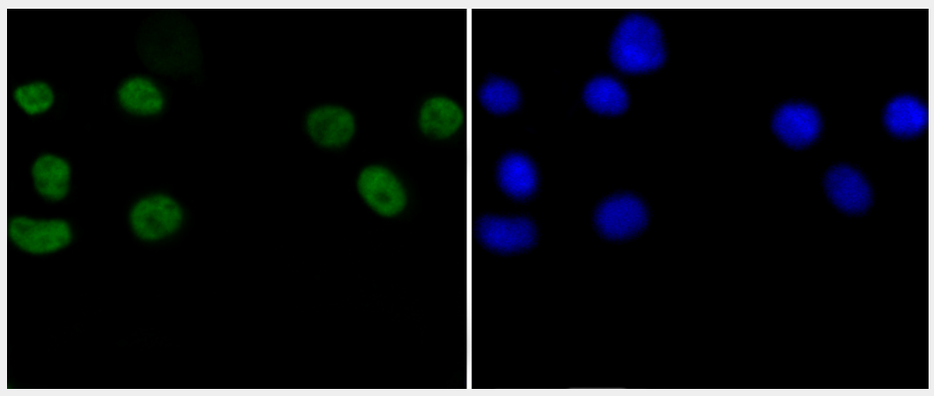
Immunohistochemistry of paraffin-embedded human liver cancer using CCND1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung using CCND1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of PC-12 cells using CCND1 antibody.



Immunofluorescence analysis of N2A cells using CCND1 antibody.