

Cyclin B1 Rabbit mAb

Catalog No.: A22435 **Recombinant** **7 Publications**

Basic Information

Observed MW

55 kDa

Calculated MW

48 kDa

Category

Primary antibody

Applications

WB,IP,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC2614

Background

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle.

Recommended Dilutions

WB 1:1000 - 1:4000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

IHC-P 1:100 - 1:400

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

891

Swiss Prot

P14635

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CCNB; Cyclin B1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

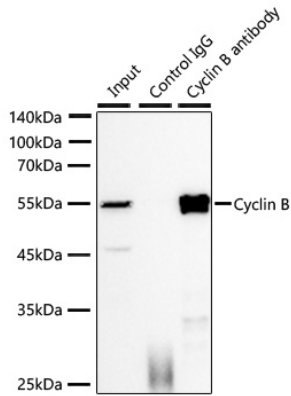
Affinity purification

Storage

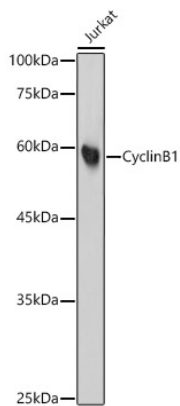
Store at -20°C. Avoid freeze / thaw cycles.

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.

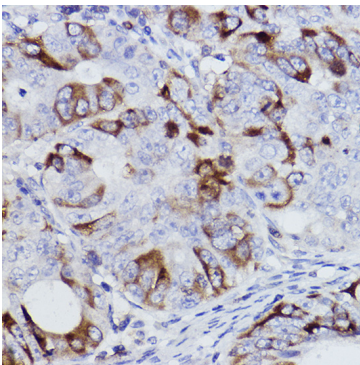
Validation Data



Immunoprecipitation of Cyclin B1 from 300 μ g extracts of HeLa cells was performed using 3 μ g of Cyclin B1 Rabbit mAb (A22435). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with . The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Cyclin B1 Rabbit mAb (A22435) at a dilution of 1:1000.



Western blot analysis of lysates from Jurkat cells, using Cyclin B1 Rabbit mAb (A22435) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Cyclin B1 Rabbit mAb (A22435) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.