

Cyclin B1 Recombinant Rabbit mAb

Catalog Number: bsm-52044R

Target Protein: Cyclin B1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 2E6

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:50-200), IHC-F (1:50-200), ICC/IF (1:50-200), IF (1:50-200), ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse)

Predicted MW: 48 kDa

Entrez Gene: 891

Swiss Prot: P14635

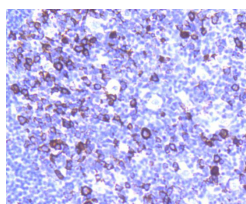
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

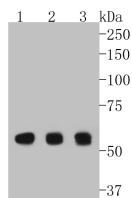
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Cyclin B1) Monoclonal Antibody, Unconjugated (bsm-52044R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: Lane 1: Hela cell lysate Lane 2: Daudi cell lysate Lane 3: K562 cell lysate Primary: Anti-Cyclin B1 (bsm-52044R) at 1/500 dilution Secondary: Goat Anti-Rabbit IgG - HRP at 1/5000 dilution Predicted band size: 48 kD Observed band size: 55 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.205] Cong Lan. et al. Inhibition of DYRK1A, via histone modification, promotes cardiomyocyte cell cycle activation and cardiac repair after myocardial infarction. EBIOMEDICINE. 2022 Aug;82:104139 WB ; Rat . 35810562

[IF=5.6] Shasha Liu. et al. Dietary flavonoid tectochrysin synergistically enhances cisplatin sensitivity on ovarian cancer cells through targeting the CDK1/cyclin B1 pathway. J FUNCT FOODS. 2024 Jun;117:106243 WB ; Mouse,Human . 10.1016/j.jff.2024.106243

[IF=4.3] Qinbing Xue. et al. Lycorine (Lycoris radiata)—a unique natural medicine on breast cancer. J CELL MOL MED. 2024 Aug;28(16):e70032 WB ; Human . 39175104

[IF=3.4] Chunlin Yin. et al. MiR-424-5p suppresses tumor growth and progression by directly targeting CHEK1 and activating cell cycle pathway in Hepatocellular Carcinoma. HELIYON. 2024 Sep;10: WB ; Human . 39309825