

## Cyclin B1 polyclonal antibody

Catalog: BS80268

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

55KDa

### Swiss-Prot:

P14635

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Modification:

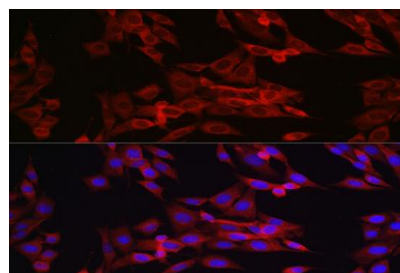
Unmodification

### DATA:

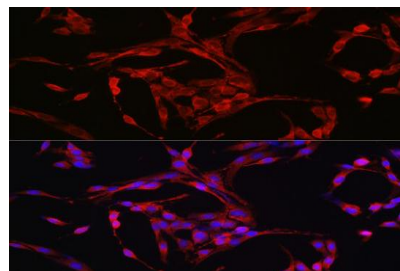
Western blot analysis of extracts of various cell lines, using Cyclin B1

antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

Immunofluorescence analysis of HeLa cells using Cyclin B1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Cyclin B1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Cyclin B1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

### Note:

For research use only, not for use in diagnostic procedure.

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