

**Phospho-Cyclin B1(S128) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3523a****Specification**

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**Phospho-Cyclin B1(S128) Antibody Blocking peptide - Product Information**Primary Accession [P14635](#)**Phospho-Cyclin B1(S128) Antibody Blocking peptide - Additional Information****Gene ID** 891**Other Names**

G2/mitotic-specific cyclin-B1, CCNB1, CCNB

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href="/product/products/AP3523a">AP3523a</a> was selected from the region of human Phospho-Cyclin B1-S128. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Phospho-Cyclin B1(S128) Antibody Blocking peptide - Protein Information****Name** CCNB1**Synonyms** CCNB**Function**

Essential for the control of the cell cycle at the G2/M (mitosis) transition.

**Cellular Location**

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

**Phospho-Cyclin B1(S128) Antibody Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **Phospho-Cyclin B1(S128) Antibody Blocking peptide - Images**

### **Phospho-Cyclin B1(S128) Antibody Blocking peptide - Background**

Cyclin B1 is a regulatory protein involved in mitosis. It complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts of the cyclin B1 gene have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase.

### **Phospho-Cyclin B1(S128) Antibody Blocking peptide - References**

Yoshida, T., et al., Ann. Oncol. 15(2):252-256 (2004). Chang, D.C., et al., J. Biol. Chem. 278(39):37865-37873 (2003). Sanchez, V., et al., J. Virol. 77(24):13214-13224 (2003). Li, J.Q., et al., Int. J. Oncol. 22(5):1101-1110 (2003). Porter, L.A., et al., Blood 101(5):1928-1933 (2003).