

Cyclin B1 Antibody (S128) Blocking Peptide
Synthetic peptide
Catalog # BP7598a**Specification**

Cyclin B1 Antibody (S128) Blocking Peptide - Product InformationPrimary Accession [P14635](#)**Cyclin B1 Antibody (S128) 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 [AP7598a](/products/AP7598a) was selected from the S128 region of human Cyclin B1. 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.

Cyclin B1 Antibody (S128) 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

Cyclin B1 Antibody (S128) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Cyclin B1 Antibody (S128) Blocking Peptide - Images

Cyclin B1 Antibody (S128) 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.

Cyclin B1 Antibody (S128) 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).