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

Specification

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 AP3523a 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.

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- 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).