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Phospho-Cyclin B1-S128 Antibody Blocking Peptide

Synthetic peptide
Catalog # BP3505a

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 AP3505a 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).

Phospho-Cyclin B1-S128 Antibody Blocking Peptide - References

Levesque,A.A.,Mol. Cancer Ther. 7 (2), 252-262 (2008)Chen,Q.,Cell Res. 18 (2), 268-280 (2008)Song,Y.,Carcinogenesis 29 (2), 307-315 (2008)