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Phospho-CDC25B(S186) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3052a

Specification

Phospho-CDC25B(S186) Antibody Blocking peptide - Product Information

Primary Accession O43550

Phospho-CDC25B(S186) Antibody Blocking peptide - Additional Information

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP3052a was selected from the 165-179 <CR> region of human Phospho-CDC25B-S186. 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-CDC25B(S186) Antibody Blocking peptide - Protein Information

Name CDC25B {ECO:0000313|EMBL:AAB94625.1}

Phospho-CDC25B(S186) Antibody Blocking peptide - Protocols

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

- Blocking Peptides

Phospho-CDC25B(S186) Antibody Blocking peptide - Images

Phospho-CDC25B(S186) Antibody Blocking peptide - Background

CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist.

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Uchida, S., et al., Biochem. Biophys. Res. Commun. 316(1):226-232 (2004).Ito, Y., et al., Int. J. Mol. Med. 13(3):431-435 (2004).Wu, W., et al., Cancer Res. 63(19):6195-6199 (2003).Mils, V., et al., Exp. Cell Res. 285(1):99-106 (2003).Theis-Febvre, N., et al., Oncogene 22(2):220-232 (2003).