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CDC37 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8965c

Specification

CDC37 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q16543

CDC37 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 11140

Other Names
Hsp90 co-chaperone Cdc37, Hsp90 chaperone protein kinase-targeting subunit, p50Cdc37, Hsp90 co-chaperone Cdc37, N-terminally processed, CDC37, CDC37A

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8965c was selected from the Center region of human CDC37. 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.

CDC37 Antibody (Center) Blocking Peptide - Protein Information

Name CDC37

Synonyms CDC37A

Function
Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity (PubMed:8666233). Inhibits HSP90AA1 ATPase activity (PubMed:23569206).

Cellular Location
Cytoplasm.

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CDC37 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

CDC37 Antibody (Center) Blocking Peptide - Images

CDC37 Antibody (Center) Blocking Peptide - Background

CDC37 is a cell division cycle control protein of Sacchromyces cerevisiae. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.

CDC37 Antibody (Center) Blocking Peptide - References

Dai,K., et.al., J. Biol. Chem. 271 (36), 22030-22034 (1996)Lamphere,L., et.al., Oncogene 14 (16), 1999-2004 (1997)