

**CDC37 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8965c****Specification**

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**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](/products/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](http://www.uniprot.org/citations/8666233)). Inhibits HSP90AA1 ATPase activity (PubMed: [23569206](http://www.uniprot.org/citations/23569206)).

**Cellular Location**

Cytoplasm.

### **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 *Saccharomyces 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)