10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Phospho-CDC37 (S13) Antibody
Rabbit mAb
Catalog # AP90930

Specification

Phospho-CDC37 (S13) Antibody - Product Information

Application	**WB, IP**
Primary Accession	Q16543
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
CC37; Hsp90 chaperone protein kinase-targeting subunit; Hsp90 co-chaperone Cdc37;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**44468 Da**

Phospho-CDC37 (S13) Antibody - Additional Information

Dilution	**WB~~1:1000** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Phospho-CDC37 (S13)**
Description	**CDC37 is an important component of the HSP90 chaperone complex. It was initially identified for its involvement in cell-cycle progression and was later found to have a much broader role as a chaperone for a wide variety of kinases and other proteins. CDC37 protein has an amino-terminal kinase binding domain followed by a central HSP90 binding domain.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Phospho-CDC37 (S13) Antibody - 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).

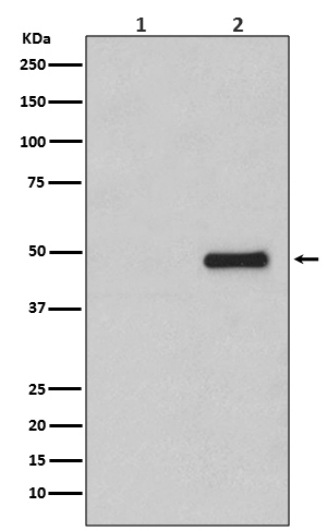
Cellular Location
Cytoplasm.

Phospho-CDC37 (S13) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Phospho-CDC37 (S13) Antibody - Images



Western blot analysis of Phospho-CDC37 (S13) expression in (1) Jurkat cell lysate treated with Alkaline Phosphatase; (2) Jurkat cell lysate.