

**KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal Antibody**  
Rabbit monoclonal antibody  
Catalog # AGI1339

**Specification**

**KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	<a href="#">Q16543</a>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 44 kDa, observed, 44 kDa kDa
Gene Name	CDC37
Aliases	CDC37; Cell Division Cycle 37, HSP90 Cochaperone; Hsp90 Co-Chaperone Cdc37; P50CDC37; CDC37 (Cell Division Cycle 37, S. Cerevisiae, Homolog); Hsp90 Chaperone Protein Kinase-Targeting Subunit; CDC37 Cell Division Cycle 37 Homolog; CDC37 Cell Division Cycle 37 Homolog (S. Cerevisiae); Cell Division Cycle 37 Homolog (S. Cerevisiae); Cell Division Cycle 37 Homolog; P50Cdc37; CDC37A
Immunogen	A synthesized peptide derived from human Phospho-CDC37 (S13)

**KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal Antibody - Additional Information**

Gene ID	11140
<b>Other Names</b>	Hsp90 co-chaperone Cdc37, Hsp90 chaperone protein kinase-targeting subunit, p50Cdc37, Hsp90 co-chaperone Cdc37, N-terminally processed, CDC37, CDC37A

**KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal 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:<a href="http://www.uniprot.org/citations/8666233" target="\_blank">8666233</a>). Inhibits HSP90AA1 ATPase activity (PubMed:<a href="http://www.uniprot.org/citations/23569206" target="\_blank">23569206</a>).

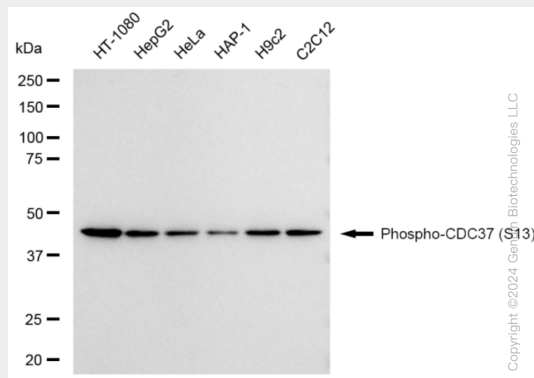
**Cellular Location**  
 Cytoplasm.

### KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal Antibody - Protocols

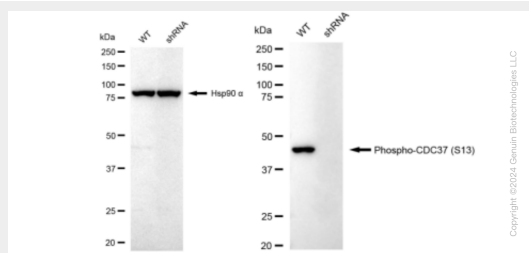
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

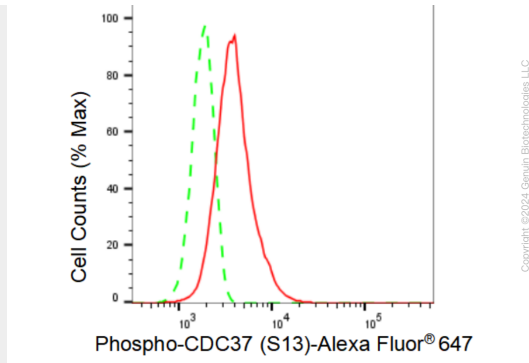
### KD-Validated Anti-Phospho-CDC37 (S13) Rabbit Monoclonal Antibody - Images



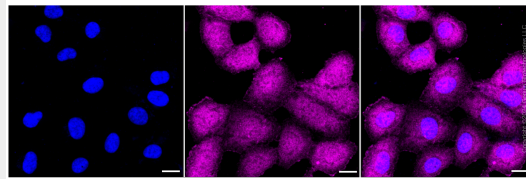
Western blotting analysis using anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339). Phospho-CDC37 (S13) expression in wild type (WT) and Phospho-CDC37 (S13) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Phospho-CDC37 (S13) expression in HT-1080 cells using Phospho-CDC37 (S13) antibody (Cat#AGI1339, 1:2,000). Green, isotype control; red, Phospho-CDC37 (S13).



Immunocytochemical staining of HT-1080 cells with Phospho-CDC37 (S13) antibody (Cat#AGI1339, 1:1,000). Nuclei were stained blue with DAPI; Phospho-CDC37 (S13) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.