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

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	Q16543
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**

Other Names
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:8666233). Inhibits HSP90AA1 ATPase activity (PubMed:23569206).

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

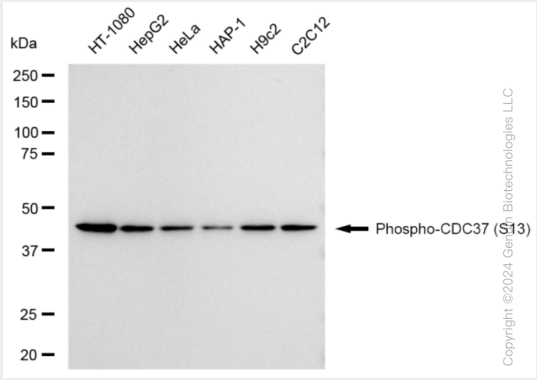
Cellular Location
Cytoplasm.

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

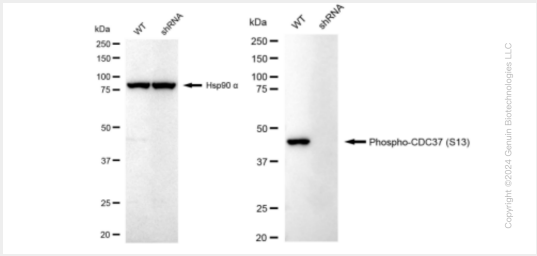
Provided below are standard protocols that you may find useful for product applications.

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

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

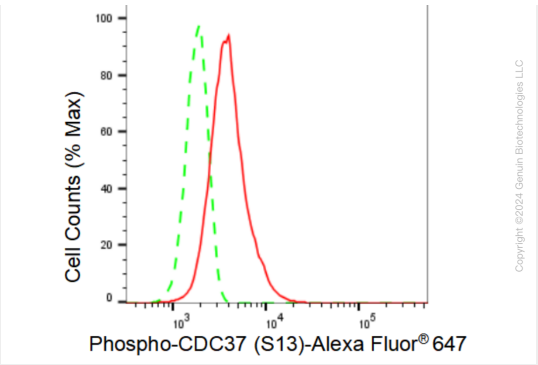


Western blotting analysis using anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339, 1:5,000) and HRP-conjugated goat anti-rabbit secondary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

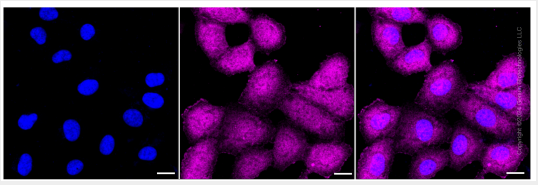


Western blotting analysis using anti-Phospho-CDC37 (S13) antibody (Cat#AGI1339). Phospho-CDC37 (S13) expression in wild type (WT) and Phospho-CDC37 (S13) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-CDC37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

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



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 µm.