

KD-Validated Anti-CDC37 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1332**Specification****KD-Validated Anti-CDC37 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 Cdc37

KD-Validated Anti-CDC37 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-CDC37 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).

Cellular Location

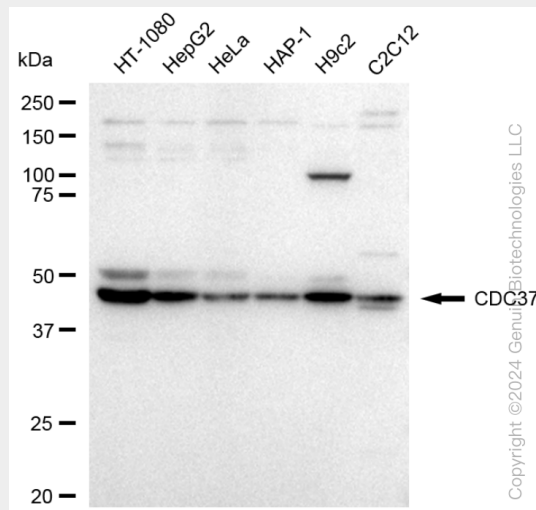
Cytoplasm.

KD-Validated Anti-CDC37 Rabbit Monoclonal Antibody - Protocols

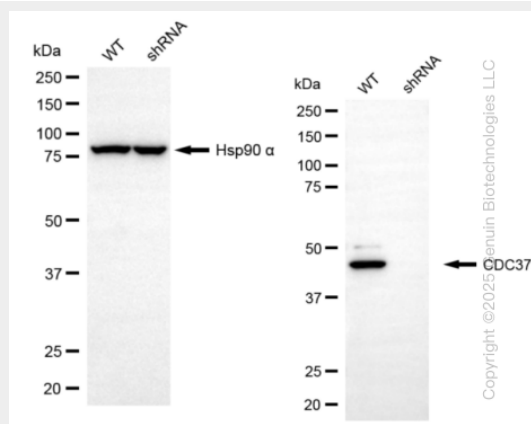
Provided below are standard protocols that you may find useful for product applications.

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

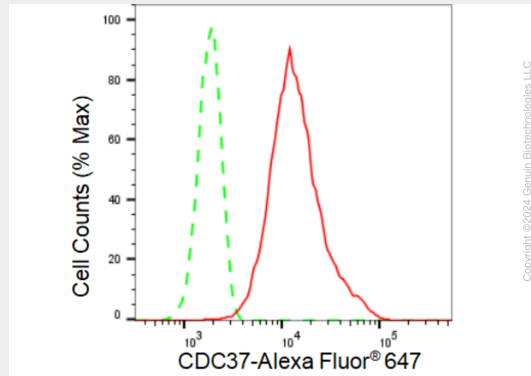
KD-Validated Anti-CDC37 Rabbit Monoclonal Antibody - Images



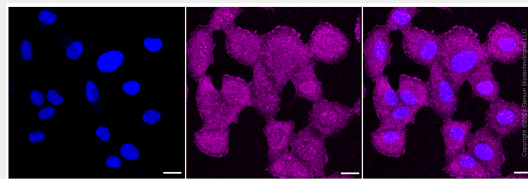
Western blotting analysis using anti-CDC37 antibody (Cat#AGI1332). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDC37 antibody (Cat#AGI1332, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CDC37 antibody (Cat#AGI1332). CDC37 expression in wild type (WT) and CDC37 shRNA knockdown (KD) HeLa cells with 20 µg of Total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CDC37 antibody (Cat#AGI1332, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Flow cytometric analysis of CDC37 expression in HT-1080 cells using CDC37 antibody (Cat#AGI1332, 1:2,000). Green, isotype control; red, CDC37.



Immunocytochemical staining of HT-1080 cells with CDC37 antibody (Cat#AGI1332, 1:1,000). Nuclei were stained blue with DAPI; CDC37 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 μ m.