

## CDC37 recombinant antibody

CDC37 Antibody

|                               |                       |                            |                                                                              |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA243998</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

CDC37; Monoclonal Recombinant Antibody; CDC37 Antibody; Hsp90 co-chaperone Cdc37 (Hsp90 chaperone protein kinase-targeting subunit) (p50Cdc37) [Cleaved into: Hsp90 co-chaperone Cdc37; N-terminally processed]; CDC37A; CDC37 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                          |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                   |
| Reactivity                                             | Human                                                                                                    |
| Clonality                                              | Monoclonal                                                                                               |
| Isotype                                                | Rabbit IgG                                                                                               |
| Clone Number                                           | 10C3                                                                                                     |
| Purity/Purification                                    | Affinity-chromatography                                                                                  |
| Form/Format                                            | Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for CDC37 recombinant antibody | FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA                                                      |
| Antibody Type                                          | Recombinant Antibody                                                                                     |
| Conjugation                                            | Non-conjugated                                                                                           |
| Immunogen                                              | A synthesized peptide derived from human Cdc37                                                           |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                              |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Overlay histogram showing HeLa cells stained with (red line) at 1?50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 1 h at 4?. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4?. Control antibody (green line) was Rabbit IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



#### WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, PC-3 whole cell lysate. All lanes: CDC37 antibody at 1:2000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 45 kDa. Observed band size: 50 kDa.

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                      |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CDC37 recombinant antibody | 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). |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5901922                                                                                                                                                                                                  |
| NCBI GeneID                      | 11140                                                                                                                                                                                                    |
| NCBI Accession #                 | NP_008996.1                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_007065.3                                                                                                                                                                                              |
| UniProt Accession #              | Q16543; Q53YA2                                                                                                                                                                                           |
| Molecular Weight                 | 44,468 Da                                                                                                                                                                                                |
| NCBI Official Full Name          | hsp90 co-chaperone Cdc37                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | cell division cycle 37                                                                                                                                                                                   |
| NCBI Official Symbol             | CDC37                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | P50CDC37                                                                                                                                                                                                 |
| NCBI Protein Information         | hsp90 co-chaperone Cdc37; cell division cycle 37 homolog; CDC37 cell division cycle 37 homolog; hsp90 chaperone protein kinase-targeting subunit; CDC37 (cell division cycle 37, S. cerevisiae, homolog) |
| UniProt Protein Name             | Hsp90 co-chaperone Cdc37                                                                                                                                                                                 |
| UniProt Gene Name                | <b>CDC37</b>                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | CDC37A                                                                                                                                                                                                   |
| UniProt Entry Name               | CDC37_HUMAN                                                                                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc37-recombinant-antibody-clone-10c3-flow-cytometry-western-blot-elisa/243998>