

Datasheet for ABIN2484518  
**anti-CDC37 antibody (Atto 594)**[Go to Product page](#)

## 3 Images

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µg  |
| Target:      | CDC37   |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This CDC37 antibody is conjugated to Atto 594                             |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

|                   |                                 |
|-------------------|---------------------------------|
| Immunogen:        | Native human Cdc37, full length |
| Specificity:      | Detects ~44.5 kDa.              |
| Cross-Reactivity: | Human                           |
| Purification:     | Protein A Purified              |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CDC37   |
| Alternative Name: | CDC37 ( <a href="#">CDC37 Products</a> )  |
| Background:       | HSP90 co-chaperone Cdc37 is a protein that is encoded by the CDC37 gene. It has been found to form complexes with HSP90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF1, MOK and eIF-2 alpha kinases. It is thought to play a critical role in directing HSP90 to its target kinases (1, 2). CDC37 is necessary for maintaining prostate tumor cell growth and |

## Target Details

represents a novel target in the exploration for multi-targeted therapies (3, 4).

Gene ID: 11140

NCBI Accession: [NP\\_008996](#)

UniProt: [Q16543](#)

## Application Details

Application Notes:

- WB (1:2000)
- ICC/IF (1:200)
- optimal dilutions for assays should be determined by the user.

Comment: A 1:2000 dilution of ABIN2484518 was sufficient for detection of cdc37 in 20 µg of HeLa cell lysate by ECL immunoblot analysis.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.68 mg/mL

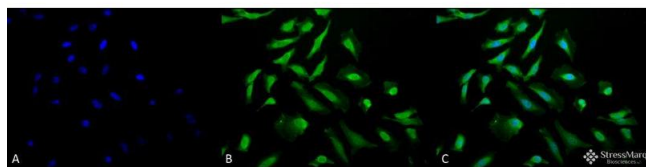
Buffer: PBS pH 7.4, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

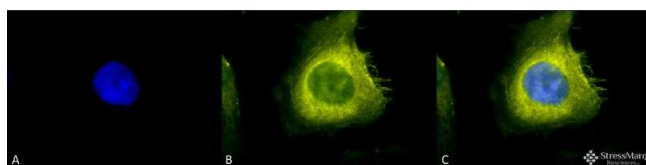
Storage: 4 °C

Storage Comment: Conjugated antibodies should be stored at 4°C



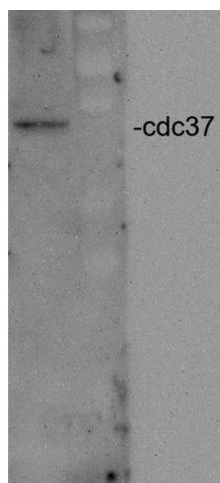
#### Immunofluorescence (fixed cells)

**Image 1.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-CDC37 Polyclonal Antibody . Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-CDC37 Polyclonal Antibody at 1:200 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-CDC37 Antibody. (C) Composite. Heat Shocked at 42°C for 30 min.



#### Immunofluorescence (fixed cells)

**Image 2.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-CDC37 Polyclonal Antibody . Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-CDC37 Polyclonal Antibody at 1:200 for 12 hours at 4°C. Secondary Antibody: R-PE Goat Anti-Rabbit (yellow) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-CDC37 Antibody. (C) Composite. Heat Shocked at 42°C for 30 min.



#### Western Blotting

**Image 3.** Western blot analysis of Human HeLa cell lysates showing detection of CDC37 protein using Rabbit Anti-CDC37 Polyclonal Antibody . Primary Antibody: Rabbit Anti-CDC37 Polyclonal Antibody at 1:2000.