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Datasheet for ABIN2484530 anti-CDC37 antibody (PE)

3 Images



## Overview

Quantity:	100 µg
Target:	CDC37
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC37 antibody is conjugated to PE
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 (CDC37 Products)
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

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## Target Details

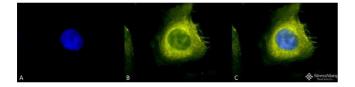
	represents a novel target in the exploration for multi-targeted therapies (3, 4).
Gene ID:	11140
NCBI Accession:	NP_008996
UniProt:	Q16543

# Application Details

Application Notes:	<ul> <li>WB (1:2000)</li> <li>ICC/IF (1:200)</li> <li>optimal dilutions for assays should be determined by the user.</li> </ul>
Comment:	A 1:2000 dilution of ABIN2484530 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

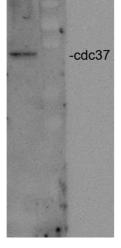


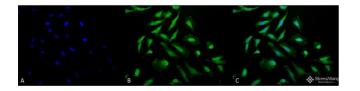
### Immunofluorescence (fixed cells)

**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: 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 2.** 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.





#### Immunofluorescence (fixed cells)

**Image 3.** 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.

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