

## Anti-CDC37 Antibody (7U387)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7U387
Purification:	Affinity-chromatography

## Applications

## 1. 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

Verified Activity: -Observed band size: 50 kDa

2. Overlay histogram showing Hela cells stained with TMAH-00239 (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 ( $1\mu\text{g}/1*10^6$  cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4°C. Control antibody (green line) was Rabbit IgG ( $1\mu\text{g}/1*10^6$  cells) used under the same conditions. Acquisition of >10,000 events was performed.

Application: ELISA,FCM,WB

Recommended WB:1:500-1:5000; FCM:1:20-1:200.

## Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen: A synthetic peptide: Human Cdc37

Antigen Species: Human

Gene ID: 11140

Uniprot ID: Q16543

Synonyms: P50CDC37;cell division cycle 37

Biology Area: Epigenetics and Nuclear Signaling, Cell biology

## Research Background

Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity. Inhibits HSP90AA1 ATPase activity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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