

Cdc37 Polyclonal Antibody

Catalog number: 10218-1-AP

Size: 30 µg/150 µl

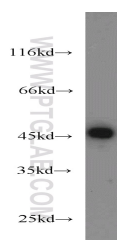
Source: Rabbit

Isotype: IgG

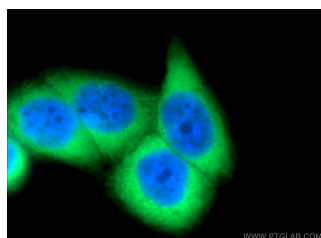
Synonyms:

CDC37; CDC37, CDC37A, Hsp90

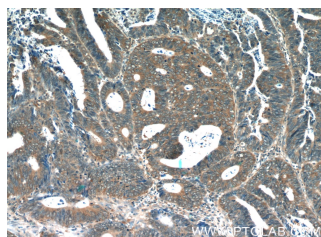
co chaperone Cdc37, P50CDC37



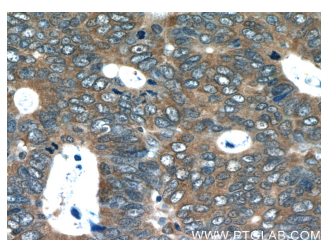
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10218-1-AP(CDC37 antibody) at dilution of 1:1000



Immunofluorescent analysis of HeLa cells using 10218-1-AP(CDC37 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using 10218-1-AP(CDC37 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human

1X10⁶ MCF-7 cells were stained with 0.2ug CDC37

Background

Cdc (cell division control) family of proteins are regulatory proteins involved in the processes of cell cycle and proliferation. Cdc37, migrated as a protein of 50 kDa in SDS PAGE, is a co-chaperone protein that recruits several immature client kinases to Hsp90 for proper folding. It functions in association with Hsp90, although little is known of its mechanism of action or where it fits into a folding pathway involving other Hsp90 cochaperones. Cdc37 up-regulation is a common early event in some localized human cancers. But, the effect of Cdc37 dysregulation in human cells is unclear.

Applications

Tested applications:

Species specificity:

Calculated Cdc37 MW:

Observed Cdc37 MW:

Positive WB detected in

Positive IP detected in

Positive IHC detected in

Positive IF detected in

Positive FC detected in

Recommended dilution:

ELISA, WB, FC, IHC, IP, IF

Human, Mouse, Rat, Monkey; other species not tested.

44 kDa

45-50 kDa

HEK-293 cells, A431 cells, COS-7 cells, Jurkat cells

HEK-293 cells

Human colon cancer tissue

HeLa cells, A431 cells, HEK-293 cells, MCF-7 cells

MCF-7 cells

WB: 1:500-1:5000

IP: 1:500-1:5000

IHC: 1:20-1:200

IF: 1:20-1:200

FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:

Ag0267

GenBank accession number: BC000083

Gene ID (NCBI):

11140

Full name:

Cell division cycle 37 homolog (S. cerevisiae)

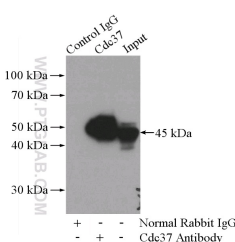
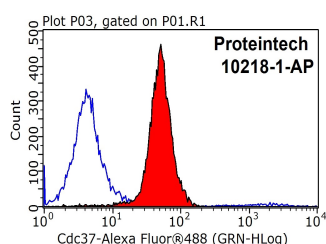
Product information

Purification method:

Antigen affinity purification

Storage:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-CDC37
(IP:10218-1-AP, 4ug;

colon cancer tissue slide using 10218-1-AP(CDC37 Antibody) at dilution of 1:50 (under 40x lens)	antibody (10218-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488- conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.	Detection:10218-1-AP 1:1000) with HEK-293 cells lysate 3200ug.
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