

CDC37 (Phospho-S13) Rabbit mAb

Catalog No: #13411

Package Size: #13411-1 50ul #13411-2 100ul

Description

Product Name	CDC37 (Phospho-S13) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SD08-50
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser13 of human CDC37.
Conjugates	Unconjugated
Other Names	CDC 37 antibody Cdc37 antibody CDC37 cell division cycle 37 homolog antibody CDC37 cell division cycle 37 S cerevisiae homolog antibody CDC37 cell division cycle 37, S cerevisiae, homolog of antibody Cdc37 homolog antibody CDC37 protein antibody CDC37_HUMAN antibody CDC37A antibody cell division cycle 37 antibody Cell division cycle 37 homolog antibody Hsp90 chaperone protein kinase targeting subunit antibody Hsp90 chaperone protein kinase targeting subunit p50Cdc37 antibody Hsp90 chaperone protein kinase-targeting subunit antibody Hsp90 co chaperone Cdc37 antibody Hsp90 co-chaperone Cdc37 antibody p50 antibody p50Cdc37 antibody S cerevisiae hypothetical protein CDC37 antibody
Accession No.	Swiss-Prot#:Q16543
Calculated MW	Predicted band size: 44 kDa
SDS-PAGE MW	Observed band size: 44 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

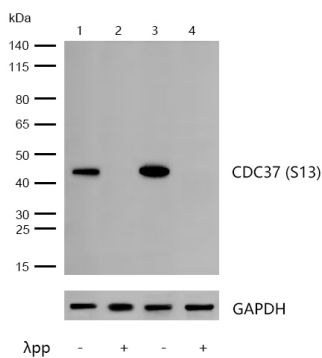
Application Details

WB: 1:500-1:2000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

Images



All lanes : CDC37 (Phospho-S13) Rabbit mAb at 1/1k dilution

Lane 1 : NIH/3T3 whole cell lysates

Lane 2 : NIH/3T3 whole cell lysates treated with λpp for 1 hour

Lane 3 : Jurkat whole cell lysates

Lane 4 : Jurkat whole cell lysates treated with λpp for 1 hour

Lysates/proteins at 20 µg per lane.

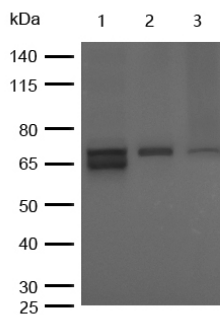
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa

Exposure time: 10 seconds



All lanes : c Raf (Phospho-S43) Rabbit mAb at 1/1k dilution

Lane 1 : 3T3 whole cell lysates

Lane 2 : Mouse Heart lysates

Lane 3 : Rat Brain lysates

Lysates/proteins at 20 µg per lane.

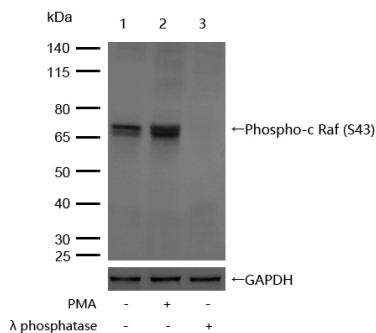
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 73 kDa

Observed band size: 65-75 kDa

Exposure time: 10 seconds



All lanes : c Raf (Phospho-S43) Rabbit mAb at 1/1k dilution

Lane 1 : MCF7 whole cell lysates

Lane 2 : MCF7 treated with 200nM PMA for 30min whole cell lysates

Lane 3 : MCF7 treated with Lambda Protein Phosphatase for 30min whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 73 kDa

Observed band size: 65-75 kDa

Exposure time: 7 seconds

Background

Cell cycle events are regulated by the sequential activation and deactivation of cyclin dependent kinases (Cdks) and by the proteolysis of cyclins. The cell division cycle (Cdc) genes are required at various points in the cell cycle. Cdc25A, Cdc25B and Cdc25C protein tyrosine phosphatases function as mitotic activators by dephosphorylating Cdc2 p34 on regulatory tyrosine residues. Cdc6 is the human homolog of *Saccharomyces cerevisiae* Cdc6, which is involved in the initiation of DNA replication. Cdc37 appears to facilitate Cdk4/cyclin D1 complex formation and has been shown to form a stable complex with Hsp90. Cdc34, Cdc27 and Cdc16 function as ubiquitin-conjugating enzymes. Cdc34 is thought to be the structural and functional homolog of *Saccharomyces cerevisiae* Cdc34, which is essential for the G1 to S phase transition. Cdc16 and Cdc27 are components of the APC (anaphase-promoting complex) which ubiquitinates cyclin B, resulting in cyclin B/Cdk complex degradation.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.