

Rabbit anti-Human CDC37-S13 Monoclonal Antibody | anti-CDC37 antibody

Phospho-CDC37-S13 Rabbit mAb

CATALOG # AAA283128	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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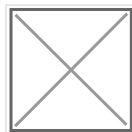
PRODUCT SYNONYMS

CDC37-S13; Monoclonal Antibody; Phospho-CDC37-S13 Rabbit mAb; P50CDC37; Phospho-CDC37-S13; anti-CDC37 antibody

PRODUCT SPECIFICATIONS

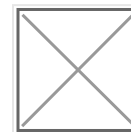
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EVSDD
Applicable Applications for anti-CDC37 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around S13 of human CDC37 (Q16543).
Modification	Phospho S13
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells, using Phospho-CDC37-S13 Rabbit mAb (AAA283128) at 1:1000 dilution. C6 cells were treated by CIP(20uL/400ul) at 37° for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



WB (Western Blot)

Western blot analysis of various lysates using Phospho-CDC37-S13 Rabbit mAb (AAA283128) at 1:1000 dilution. Both 293T cells and NIH/3T3 cells were treated by CIP(20uL/400ul) at 37° for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC37 antibody	The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of Sacchormyces cerevisiae. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.
Product Categories/Family for anti-CDC37 antibody	Epigenetics Nuclear Signaling; Signal Transduction; Kinase; Cell Biology Developmental Biology; Apoptosis; Inhibition of Apoptosis; Cell Cycle; Endocrine Metabolism; Mitochondrial metabolism; Phosphorylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901922
NCBI GeneID	11140
NCBI Accession #	NP_008996.1
NCBI GenBank Nucleotide #	NM_007065.3
UniProt Accession #	Q16543; Q53YA2
Molecular Weight	Calculated MW: 44kDa Observed MW: 50kDa
UniProt Protein Name	Hsp90 co-chaperone Cdc37
UniProt Gene Name	CDC37
UniProt Synonym Gene Names	CDC37A
UniProt Entry Name	CDC37_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc37-s13-antibody-western-blot-elisa/283128>