

Rabbit anti-Human CDC37 Polyclonal Antibody | anti-CDC37 antibody

CDC37 Antibody (Center)

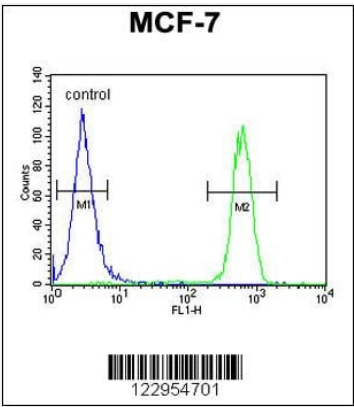
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284784	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

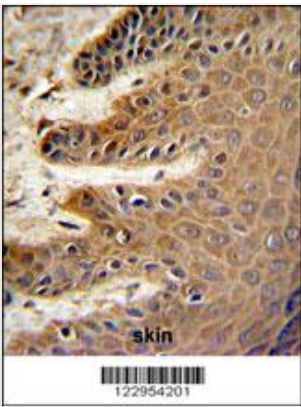
CDC37; Polyclonal Antibody; CDC37 Antibody (Center); Hsp90 co-chaperone Cdc37; Hsp90 chaperone protein kinase-targeting subunit; p50Cdc37; N-terminally processed; CDC37A; anti-CDC37 antibody

PRODUCT SPECIFICATIONS

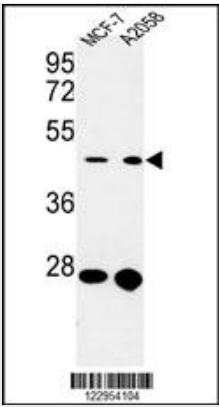
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC37 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-144 amino acids from the Central region of human CDC37.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	116-144
Sequence Length	378
Applicable Applications for anti-CDC37 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CDC37 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CDC37 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded skin followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CDC37 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDC37 Antibody (Center) in MCF-7, A2058 cell line lysates (35ug/lane). CDC37 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC37 antibody	CDC37 is a cell division cycle control protein of <i>Sacchomyces cerevisiae</i> . 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	Cell Biology
References	Dai,K., et.al., J. Biol. Chem. 271 (36), 22030-22034 (1996) Lamphere,L., et.al., Oncogene 14 (16), 1999-2004 (1997)

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	44468
NCBI Official Full Name	hsp90 co-chaperone Cdc37
NCBI Official Synonym Full Names	cell division cycle 37
NCBI Official Symbol	CDC37
NCBI Official Synonym Symbols	P50CDC37
NCBI Protein Information	hsp90 co-chaperone Cdc37
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/polyclonal/cdc37-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284784>