

# CDC37 Rabbit mAb

Catalog # AP76434

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q16543</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	44468

## Additional Information

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<b>Gene ID</b>	11140
<b>Other Names</b>	CDC37
<b>Dilution</b>	WB~~1:2000-1:5000 IHC-P~~N/A
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	CDC37
<b>Synonyms</b>	CDC37A
<b>Function</b>	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity (PubMed: <a href="#">8666233</a> ). Inhibits HSP90AA1 ATPase activity (PubMed: <a href="#">23569206</a> ).
<b>Cellular Location</b>	Cytoplasm.

## Background

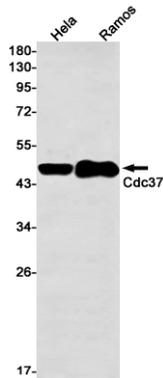
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CDC37 is an important component of the HSP90 chaperone complex. It was initially identified for its involvement in cell-cycle progression and was later found to have a much broader role as a chaperone for a

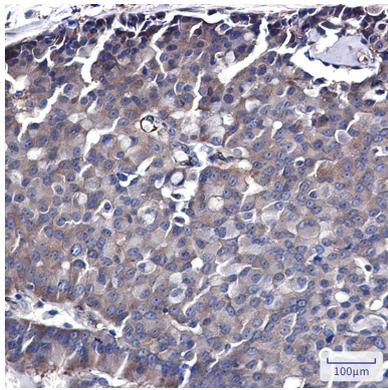
wide variety of kinases and other proteins. CDC37 protein has an amino-terminal kinase binding domain followed by a central HSP90 binding domain.

## Images

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Western blot analysis of Cdc37 in HeLa, Ramos lysates using CDC37 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cdc37 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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