

Product Name: CDC37 Mouse Monoclonal Antibody**Catalog #: AMM81813**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	44.5kDa

Antigen Information

Gene Name	CDC37
Alternative Names	P50CDC37
Gene ID	11140.0
SwissProt ID	Q16543
Immunogen	Purified recombinant fragment of human CDC37 (AA: 241-378) expressed in E. Coli.

Background

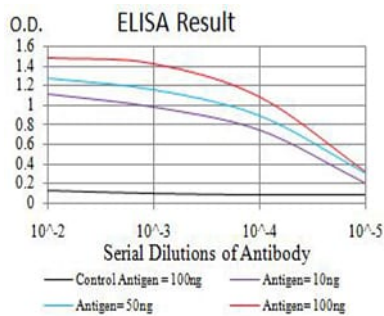
The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchromyces cerevisiae*. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including 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.

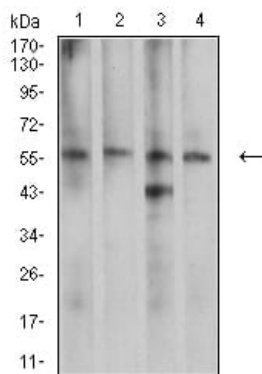
Research Area

PI3K-Akt signaling pathway

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CDC37 mouse mAb against K562 (1), LNcap (2), A431 (3), and HEK293 (4) cell lysate.