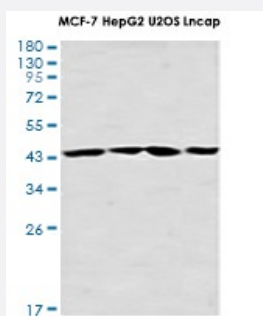


RecomAb™

CDC37 recombinant monoclonal antibody, clone R04-0H4

Catalog # RAB01474 Size 100 uL

Applications



Western Blot

Western Blot analysis of MCF-7, HepG2, U2OS, Lncap lysates with CDC37 recombinant monoclonal antibody, clone R04-0H4 (Cat # RAB01474).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CDC37.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human CDC37.
Theoretical MW (kDa)	Calculated MW: 44 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of MCF-7, HepG2, U2OS, Lncap lysates with CDC37 recombinant monoclonal antibody, clone R04-0H4 (Cat # RAB01474).

- Immunoprecipitation

Gene Info — CDC37

Entrez GeneID[11140](#)**Protein Accession#**[Q16543](#)**Gene Name**

CDC37

Gene Alias

P50CDC37

Gene Description

cell division cycle 37 homolog (S. cerevisiae)

Omim ID[605065](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Saccharomyces 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. [provided by RefSeq]

Other Designations

CDC37 (cell division cycle 37, S. cerevisiae, homolog)|CDC37 cell division cycle 37 homolog|Hsp90 co-chaperone Cdc37|cell division cycle 37 protein

Disease

- [Adenocarcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)