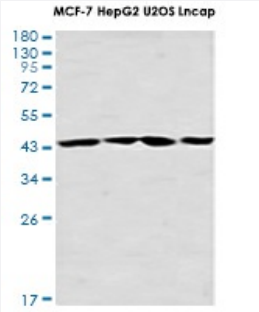
RecomAb™

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
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M 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 shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

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

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 Sacchromyces cerevisiae. This protein is a molecular chaperone with specific function in cell sign al transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases inc luding CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a criti cal 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|Hs p90 co-chaperone Cdc37|cell division cycle 37 protein

Disease

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- Adenocarcinoma
- Genetic Predisposition to Disease
- Pancreatic Neoplasms

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