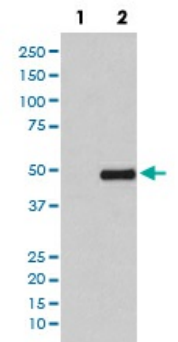
CDC37 (phospho S13) monoclonal antibody, clone HIF-3

Catalog # MAB20337 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CDC37 (phospho S13) expression in (1) Jurkat cell lysate treated with Alkaline Phosphatase; (2) Jurkat cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CDC37.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S13 of human CDC37.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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

Applications

- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of CDC37 (phospho S13) expression in (1) Jurkat cell lysate treated with Alkaline Phosphatase; (2) Jurkat cell lysate.

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

- Adenocarcinoma
- Genetic Predisposition to Disease
- Pancreatic Neoplasms

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