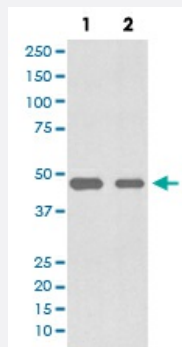


# CDC37 monoclonal antibody, clone ICA-3

Catalog # MAB19864      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of (1) Jurkat cell lysate; (2) SW480 cell lysate with CDC37 monoclonal antibody.

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human CDC37.

**Immunogen** A synthetic peptide corresponding to human CDC37.

**Host** Rabbit

**Reactivity** Human

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**  
 Flow Cytometry (1:50)  
 Immunohistochemistry (1:50-1:200)  
 Immunoprecipitation (1:50)  
 The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of (1) Jurkat cell lysate; (2) SW480 cell lysate with CDC37 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

- Flow Cytometry

## 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 *Sacchomyces 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](#)