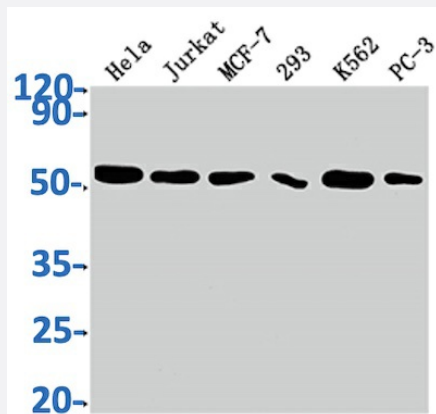


RecomAb™

CDC37 recombinant monoclonal antibody, clone 10C3

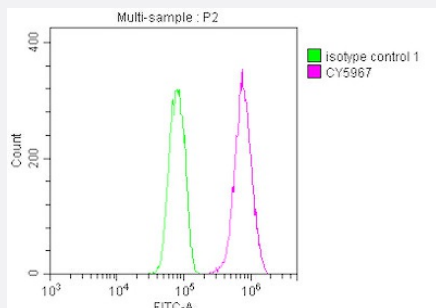
Catalog # RAB04029 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: HeLa whole cell lysate; Lane 2: Jurkat whole cell lysate; Lane 3: MCF-7 whole cell lysate; Lane 4: 293 whole cell lysate; Lane 5: K562 whole cell lysate; Lane 6: PC-3 whole cell lysate.



Flow Cytometry

Overlay histogram showing HeLa cells stained with CDC37 recombinant monoclonal antibody, clone 10C3 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CDC37.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CDC37.
Reactivity	Human
Form	Liquid

Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry (1:20-1:200) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °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 Lane 1: Hela whole cell lysate; Lane 2: Jurkat whole cell lysate; Lane 3: MCF-7 whole cell lysate; Lane 4: 293 whole cell lysate; Lane 5: K562 whole cell lysate; Lane 6: PC-3 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay histogram showing Hela cells stained with CDC37 recombinant monoclonal antibody, clone 10C3 (red line) at 1:50.

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](#)