Anti-Cdc37 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014609

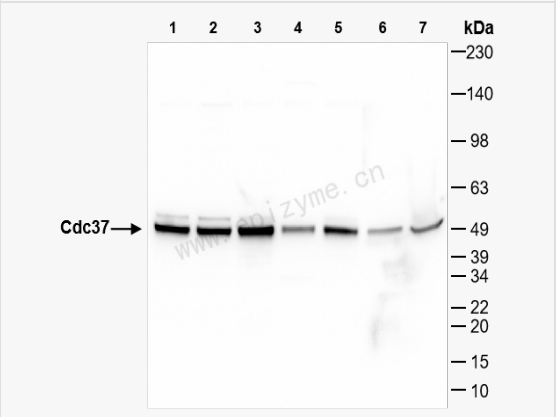
Product Information

Application	WB, ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	31J72R04
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Cdc37
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-Cdc37 Rabbit mAb [31J72R04] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDC 37, Cdc37, CDC37 cell division cycle 37 homolog, CDC37 cell division cycle 37 S cerevisiae homolog, CDC37 cell division cycle 37, S cerevisiae, homolog of, Cdc37 homolog, CDC37 protein, CDC37_HUMAN, CDC37A, cell division cycle 37, Cell division cycle 37 homolog, Hsp90 chaperone protein kinase targeting subunit, Hsp90 chaperone protein kinase targeting subunit p50Cdc37, Hsp90 chaperone protein kinase-targeting subunit, Hsp90 co chaperone Cdc37, Hsp90 co-chaperone Cdc37, p50, p50Cdc37, S cerevisiae hypothetical protein CDC37.
Calculated MW	Calculated MW: 44 kDa; Observed MW: 50 kDa
Uniprot ID	Q16543
Gene ID	11140
Background	CDC37 is an important component of the HSP90 chaperone complex. It was initially identified for its involvement in cell-cycle progression and was later found to have a much broader role as a chaperone for a wide variety of kinases and other proteins. CDC37 protein has an amino-terminal kinase binding domain followed by a central HSP90 binding domain.
Cellular Location	Cytoplasm.

Validation Images



Western Blot - Anti-Cdc37 Rabbit mAb [31J72R04]
All lanes: R014609 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: U2OS (Human osteosarcoma epithelial cell) whole cell lysates
Lane 6: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 7: Rat brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 44 kDa
Observed band size: 50 kDa
Developed using the ECL technique (Cat. No. SQ201).