

Anti-Cdc25B Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

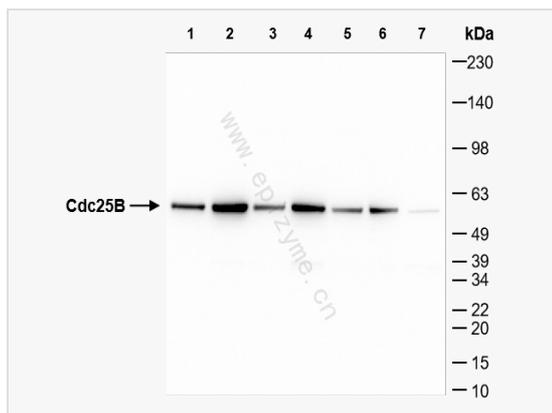
Catalog # R014420

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	64M11L48
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Cdc25B
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°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Cdc25B Rabbit mAb [64M11L48] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	AI604853, Cdc 25B, Cdc25b, CDC25HU2, Cdc25m2, Cell division cycle 25 homolog B, Cell division cycle 25B, Cell division cycle 25B isoform 1, Cell division cycle 25B isoform 2, Cell division cycle 25B isoform 3, Cell division cycle 25B isoform 4, Cell division cycle 25B isoform 5, Dual specificity phosphatase Cdc25B, EC 3.1.3.48, M phase inducer phosphatase 2, M-phase inducer phosphatase 2, MPIP2_HUMAN.
Calculated MW	Calculated MW: 65 kDa; Observed MW: 60 kDa
Uniprot ID	P30305
Gene ID	994
Background	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole.



Western Blot - Anti-Cdc25B Rabbit mAb [64M11L48]

All lanes: R014420 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: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 7: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 65 kDa

Observed band size: 60 kDa

Developed using the ECL technique (Cat. No. SQ201).