Anti-Cdc25C Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014608

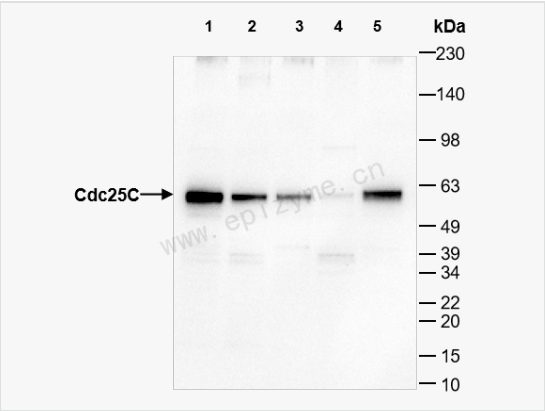
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	26R57S68
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Cdc25C
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-Cdc25C Rabbit mAb [26R57S68] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDC 25, Cdc 25C, CDC25, CDC25C, Cell division cycle 25 homolog C, Cell division cycle 25C, Cell division cycle 25C protein, Dual specificity phosphatase Cdc25C, M phase inducer phosphatase 3, M-phase inducer phosphatase 3, Mitosis inducer CDC25, MPIP3, MPIP3_HUMAN, Phosphotyrosine phosphatase, PPP1R60, protein phosphatase 1, regulatory subunit 60.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 60 kDa
Uniprot ID	P30307
Gene ID	5163
Background	Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity.
Cellular Location	Nucleus.

Validation Images



Western Blot - Anti-Cdc25C Rabbit mAb [26R57S68]
All lanes: R014608 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
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: 53 kDa
Observed band size: 60 kDa
Developed using the ECL technique (Cat. No. SQ201).