Anti-Phospho-CDC6 (Ser106) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R011720

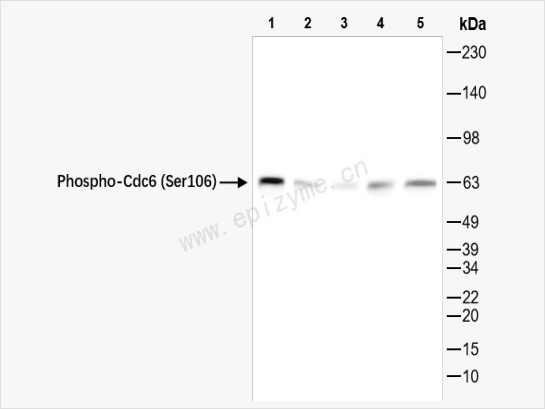
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	50K60L33
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser106 of human Cdc6
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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-Phospho-CDC6 (Ser106) Rabbit mAb [50K60L33] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDC18L; CDC6; Cell division control protein 6 homolog; CDC6-related protein; Cdc18-related protein; p62(cdc6); HsCdc18; HsCDC6.
Calculated MW	Calculated MW: 63 kDa; Observed MW: 63 kDa
Uniprot ID	Q99741
Gene ID	990
Background	The protein encoded by this gene is highly similar to Saccharomyces cerevisiae Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cyle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins. [provided by RefSeq, Jul 2008]
Cellular Location	Nucleus.Cytoplasm.The protein is nuclear in G1 and cytoplasmic in S-phase cells (PubMed:9566895).

Validation Images



Western Blot - Anti-Phospho-CDC6 (Ser106) Rabbit mAb [50K60L33]
All lanes: R011720 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: 293T (Human embryonic kidney cell) whole cell lysates
Lane 5: K562 (Human chronic myeloid leukemia 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: 63 kDa
Observed band size: 63 kDa
Developed using the ECL technique (Cat. No. SQ201).