



Affinity-Purified Rabbit Anti-phospho-CDC2 (Y15) Antibody

Specificity: Human phospho-CDC2(Y15)	Size: 0.1 mg
Source: Rabbit	IgG Type: rabbit IgG

Background:

Probably involved in the control of the cell cycle. Interacts with a yet unknown type of cyclin. Can phosphorylate histone H1.

Other Name: Cell division protein kinase 3

Specificity:

Human:

Positive

Application : For western blot analysis, an antibody concentration of 1 µg/ml is recommended

ELISA

Western blotting
Immunohistochemistry
Immunoprecipitation
Flow cytometry

Positive
Positive 1 mg/ml
Positive
Positive
Positive

Isotype: Rabbit IgG

Description: This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding the phosphorylated sites.

Storage: Upon reconstitution, maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C to -70°C. Lyophilized samples are stable for twelve months from the date of receipt when stored at -20°C to -70°C

Format: Purified rabbit monoclonal antibody supplied in PBS with 0.02% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low salt buffers and neutralized immediately, followed by dialysis against PBS.

Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.

References:

1. [Gygi S.P.](#); "A probability-based approach for high-throughput protein phosphorylation analysis and site localization."; *Nat. Biotechnol.* 24:1285-1292(2006).
2. [Tsai L.-H.](#); "A family of human cdc2-related protein kinases."; *EMBO J.* 11:2909-2917(1992).
3. [Nickerson D.A.](#); "NIEHS-SNPs, environmental genome project, NIEHS ES15478, Department of Genome Sciences, Seattle, WA (URL: <http://egp.gs.washington.edu>)."