

Cdc2 (AB2387) mouse mAb

W0259

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat; Monkey;

Applications

- WB; IF; ELISA

MW

- 34 kDa (calculated)
- 34 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2387

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human Cdc2 protein.

Specificity This antibody detects endogenous levels of Cdc2.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CDK1 CDC2 CDC28A CDKN1 P34CDC2

Protein Name Cdc2

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P06493	983

Background

cyclin dependent kinase 1 (CDK1) Homo sapiens The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF) , which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],



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