



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CDC25A. Mouse Monoclonal Antibody

Dual specificity phosphatase Cdc25A; M-phase inducer phosphatase 1; MIP1;

BACKGROUND

The immunogen for the anti CDC25A was a purified recombinant CDC25A protein recognizing a 65kD protein. In the cell cycle of eukaryotes the M phase is initiated by maturation promoting factor (MPF), a protein kinase complex consisting of p34 cdc2, cyclin B, and p13. The activity of this complex is controlled by multiple levels of phosphorylation and dephosphorylation of the catalytic p34cdc2 component. CDC25A and CDC25B are p34cdc2 tyrosine phosphatases. Dephosphorylation of p34cdc2 by these CDC25 proteins activates the MPF complex, initiating mitosis. Although expressed throughout the cell cycle, peak expression of CDC25A is in G1 of the cell cycle.

IMMUNOGEN

A purified recombinant CDC25A protein recognizing a 65kD protein

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Application: Western Blot, Immunoprecipitation at 1-10 ug/ml

ORDERING INFORMATION

CATALOG NUMBER

C105M

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Mouse Clone DCS121

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG2a

APPLICATIONS

Western Blot, Immunoprecipitation

SPECIES REACTIVITY

Human

ACCESSION NUMBER

P30304, Human

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

room temperature

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Wang, Z., et al. "Overexpression of CDC25B, CDC25C and phospho-CDC25C (Ser216) in vulvar squamous cell carcinomas are associated with malignant features and aggressive cancer phenotypes." BMC Cancer 2010, 10, 233
2. Berthet, C., et al. "How adeno-associated virus Rep78 protein arrests cells completely in S phase." Proc. Natl. Acad. Sci. 2005, 102, 13634-13639