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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDK4 monoclonal antibody, clone P6D10AT

Catalog Number: MAB23652

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic peptide of human CDK4, clone P6D10AT.

Clone Name: P6D10AT

Immunogen: A synthetic peptide corresponding to amino acids 1-303 of human CDK4 purified from *Escherichia Coli*.

Host: Mouse

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein-G affinity chromatography

Isotype: Mouse IgG2b heavy chain and kappa light chain

Storage Buffer: In PBS, pH 7.4, 10% glycerol and 0.02% Sodium Azide

Storage Instruction: Store at 4°C for 1 month.
After reconstitution with 1 mL of deionized water, store at -20°C for 12 months.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1019

Gene Symbol: CDK4

Gene Alias: CMM3, MGC14458, PSK-J3

Gene Summary: The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of *S. cerevisiae* cdc28 and *S. pombe* cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this

kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene product (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) and Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported. [provided by RefSeq]