



# 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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# Anti-CDK4 Antibody (PThr172)

Rabbit Anti-Human CDK4 (pThr172) Polyclonal  
Catalog No. SPC-943



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

CDK4 Antibody (pThr172)

### Description

Rabbit Anti-Human CDK4 (pThr172) Polyclonal

### Species Reactivity

Human

### Applications

WB, AM

### Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Human

### Immunogen

A phospho-specific peptide corresponding to residues surrounding Thr172 of human CDK4 (AA169-175)

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

Peptide Affinity Purified

### Clonality

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Polyclonal

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### Specificity

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Detects 33.73 kDa.

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### Cite This Product

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Rabbit Anti-Human CDK4 (pThr172) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-943)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-943 was sufficient for detection of CDK4 (pThr172) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

CDK4\_HUMAN Antibody, Cell division kinase 4 Antibody, CMM 3 Antibody, Crk3 Antibody, Cyclin dependent kinase 4 Antibody, Melanoma cutaneous malignant 3 Antibody, p34 cdk4 Antibody, PSK J3 Antibody

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### Cellular Localization

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Cytoplasm, Membrane, Nucleus

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### Accession Number

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NP\_000066

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### Gene ID

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1019

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### Swiss Prot

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P11802

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### Scientific Background

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CDK4 is a protein-serine/threonine kinase, and a part of the protein kinase complex important for cell cycle G1 phase progression. Its activity is restricted to the G1-S phase. CDK4 is responsible for the phosphorylation of retinoblastoma gene product (Rb) and 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 tumourigenesis of a variety of cancers, such as cutaneous malignant melanoma type 3 (CMM3).

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## Product Images

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Currently there are no images for this product

## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.