



# SZABO SCANDIC

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### SZABO-SCANDIC HandelsgmbH

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# TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

## Rabbit anti-Human Cyclin D1 Monoclonal Antibody

**CLSG80017**

**Lot#:**

**Immunogen:**

A synthetic peptide from C-terminus of human cyclin D1.

**Size:**

0.5 ml

**Clone:**

SP4

**Isotype:**

IgG

**Format:**

This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.

**Titer/Working Dilution:**

This antibody may be diluted to a titer of 1:100 in an ABC method. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

**Staining Protocol:**

We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.  
Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

**Specificity:**

Cyclin D1 or PRAD-1 or bcl-1 is one of the key cell cycle regulators, and functions in association with cdk4 and / or cdk6 by phosphorylating the Rb protein. It is a putative proto-oncogene overexpressed in a wide variety of human neoplasms including mantle cell lymphomas (MCL). This antibody crossreacts with human, mouse and rat.

*Continued overleaf...*

For more information or to place an order please contact...

**CEDARLANE®**  
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website: [www.cedarlanelabs.com](http://www.cedarlanelabs.com) • e-mail: [info@cedarlanelabs.com](mailto:info@cedarlanelabs.com)

**Positive Control:** Breast Carcinoma

**Cellular Localization:** Nuclear

**Storage:** Store the antibody at 4<sup>0</sup> C. Do not use it beyond the expiration date stated on the label.

**References:** Cheuk et al. Am J Surg Path 28: 801, 2004

**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

JCr 04/10/06