

Cyclin D1 (Clone SP4)

Rabbit Monoclonal Antibody

Specificity: Human, Mouse, Rat. Others not tested

Immunogen: A synthetic peptide from C-terminus of human cyclin D1

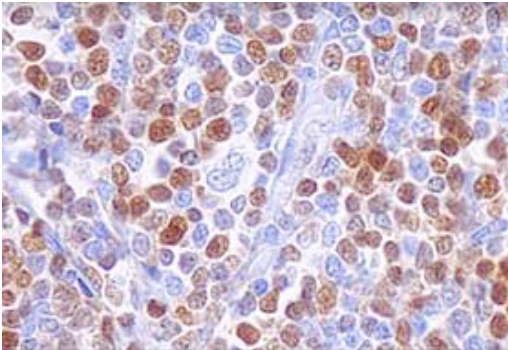
Ig Class: Rabbit IgG

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50; *Positive Control:* Mantle cell lymphoma.. *Cellular Localization:* Nuclear. *Intended Use:* In vitro diagnosis (IVD).

Description: 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 over expressed in a wide variety of human neoplasms including mantle cell lymphomas (MCL).

Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.

**References:**

1. Bartkova J, et al. *Cancer Res.* 1995; 55:949-56.
2. Hankin RC, et al. *Arch Pathol Lab Med.* 1999; 123:1182-8.

Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained with anti-Cyclin D1 antibody using peroxidase-conjugate and DAB chromogen. Note the nuclear staining of lymphoma cells

Cat. #Z2027 (1.0 ml)

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