

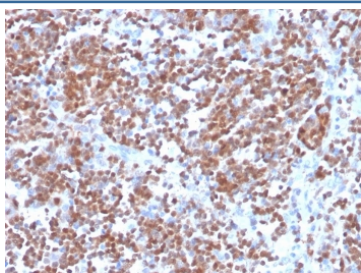
## Recombinant Cyclin D1 Antibody [clone CCND1/3370R] (V8651)

Catalog No.	Formulation	Size
V8651-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8651-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8651SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

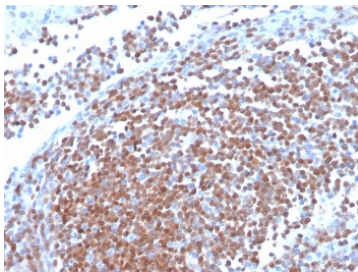
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

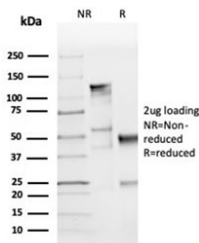
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	CCND1/3370R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P24385
<b>Localization</b>	Nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
<b>Limitations</b>	This recombinant Cyclin D1 antibody is available for research use only.



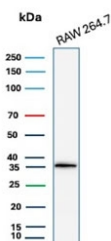
IHC staining of FFPE human mantle cell carcinoma with recombinant Cyclin D1 antibody (clone CCND1/3370R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



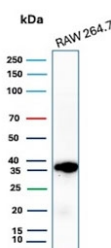
IHC staining of FFPE human mantle cell carcinoma with recombinant Cyclin D1 antibody (clone CCND1/3370R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Cyclin D1 antibody (clone CCND1/3370R) as confirmation of integrity and purity.



Western blot testing of mouse RAW264.7 cell lysate with recombinant Cyclin D1 antibody. Predicted molecular weight: 32-36 kDa.



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## Description

Recognizes a protein of 36kDa, identified as cyclin D1. Cyclin D1, one of the key cell cycle regulators, is a putative proto-oncogene overexpressed in a wide variety of human neoplasms. This antibody neutralizes the activity of cyclin D1 in vivo. About 60% of mantle cell lymphomas (MCL) contain a t(11; 14)(q13; q32) translocation resulting in over-expression of cyclin D1. This antibody is useful in identifying mantle cell lymphomas (cyclin D1 positive) from CLL/SLL and follicular lymphomas (cyclin D1 negative). Occasionally, hairy cell leukemia and plasma cell myeloma weakly express Cyclin D1.

## Application Notes

Optimal dilution of the recombinant Cyclin D1 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 270-295 from the human protein was used as the immunogen for the recombinant Cyclin D1 antibody.

## Storage

Store the recombinant Cyclin D1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

