

# Product Datasheet

## **Cyclin D1 Antibody** **NBP2-33138-0.2mg**

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-33138-0.2mg**

Cyclin D1 Antibody (DCS-6) [Azide Free]

Product Information	
Unit Size	0.2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DCS-6
Preservative	No Preservative
Isotype	IgG2a Kappa
Conjugate	Azide Free
Purity	Protein G purified
Buffer	10mM PBS. Does not contain BSA.

Product Description	
Host	Mouse
Gene ID	595
Gene Symbol	CCND1
Species	Human, Mouse, Rat, Primate
Specificity/Sensitivity	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.
Immunogen	Human recombinant full length Cyclin D1 protein was used as immunogen to generate this antibody.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1-5ug/ml for coating
Application Notes	Immunohistochemical staining of formalin/paraffin tissues is enhanced by unmasking of the target epitope by boiling the tissue sections in 10mM citrate buffer, pH 6.0, for 10 min followed by cooling at room temp for 20 min.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

