

# Product Datasheet

## Cyclin D1 Antibody (CCND1/3370R) [Alexa Fluor® 647] NBP3-08955AF647

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08955AF647**

Cyclin D1 Antibody (CCND1/3370R) [Alexa Fluor® 647]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CCND1/3370R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	595
Gene Symbol	CCND1
Species	Human
Marker	G1-Cyclin & Mantle Cell Lymphoma Marker
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	A synthetic peptide corresponding to residues within aa 270-295 of Cyclin D1 (Uniprot: P24385 )



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<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08955AF647**

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NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
H00000595-P01-10ug	Recombinant Human Cyclin D1 GST (N-Term) Protein
NBP2-75100	Human Cyclin D1 ELISA Kit (Colorimetric)
NB600-302	c-Myc Antibody (9E10) - BSA Free

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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.

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