

# Product Datasheet

## Cyclin D1 Antibody (CCND1/809) [DyLight 488] NBP2-47921G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47921G**

Cyclin D1 Antibody (CCND1/809) [DyLight 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CCND1/809
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	DyLight 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	595
Gene Symbol	CCND1
Species	Human
Marker	G1-Cyclin & Mantle Cell 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	Recombinant human Cyclin D1 protein (Uniprot: P24385)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-47921G**

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NBP1-96981G	Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 488]
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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