

Product Datasheet

Cyclin D1 Antibody (CCND1/3370R) - Azide and BSA Free NBP3-08955

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08955

Cyclin D1 Antibody (CCND1/3370R) - Azide and BSA Free

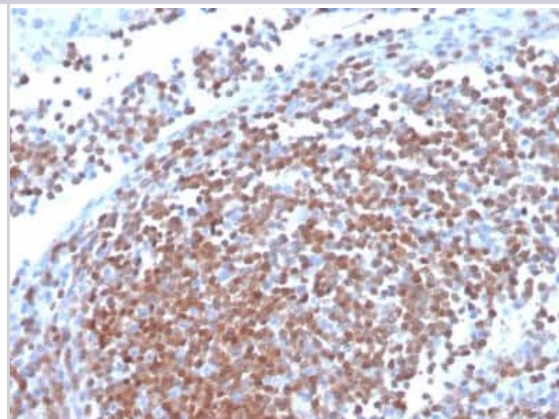
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CCND1/3370R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	36 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07209). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
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)

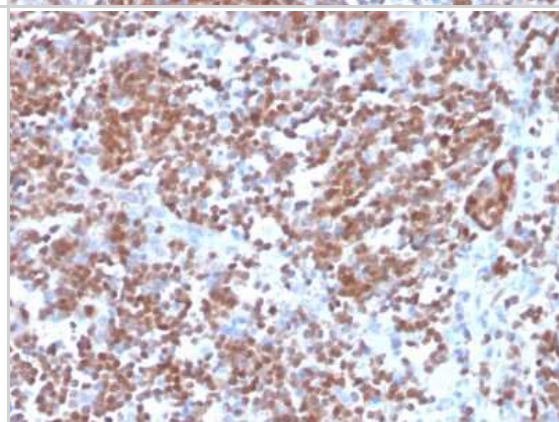
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: Cyclin D1 Antibody (CCND1/3370R) - Azide and BSA Free [NBP3-08955] - Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained Cyclin D1 Recombinant Rabbit Monoclonal Antibody (CCND1/3370R).



Immunohistochemistry-Paraffin: Cyclin D1 Antibody (CCND1/3370R) - Azide and BSA Free [NBP3-08955] - Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained Cyclin D1 Recombinant Rabbit Monoclonal Antibody (CCND1/3370R).





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Products Related to NBP3-08955

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000595-P01-10ug	Recombinant Human Cyclin D1 GST (N-Term) Protein

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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