

Product Datasheet

Cyclin D1 Antibody (DCS-6) - Azide and BSA Free NBP2-33138

Unit Size: 0.1 mg

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

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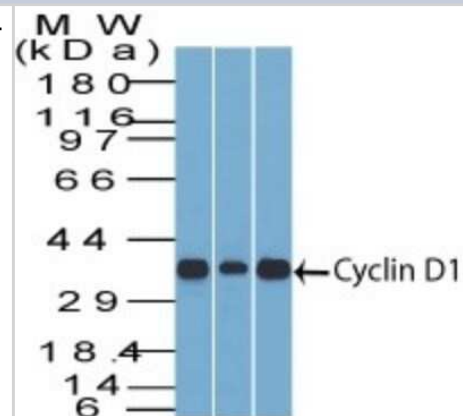
NBP2-33138

Cyclin D1 Antibody (DCS-6) - Azide and BSA Free

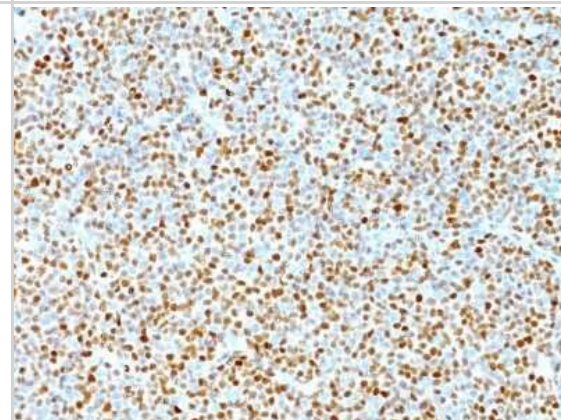
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DCS-6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	36 kDa
Product Description	
Description	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 (NBP2-15189). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	595
Gene Symbol	CCND1
Species	Human, Mouse, Rat, Monkey
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). About 40% of breast carcinomas are positive for Cyclin D1. Occasionally, hairy cell leukemia and plasma cell myeloma weakly express Cyclin D1.
Immunogen	Human full length recombinant cyclin D1 protein (Uniprot: P24385)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID: 30050877).

Images

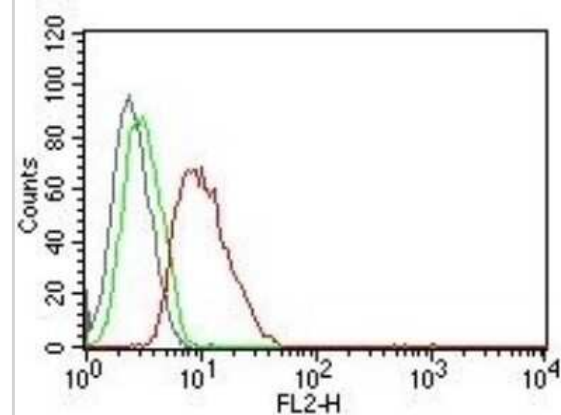
Western Blot: Cyclin D1 Antibody (DCS-6) - Azide and BSA Free [NBP2-33138] - analysis of Cyclin D1 in 1) C2C12, 2) HepG2, and 3) NIH3T3 lysate probed with Cyclin D1 antibody at 5 ug/ml. goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



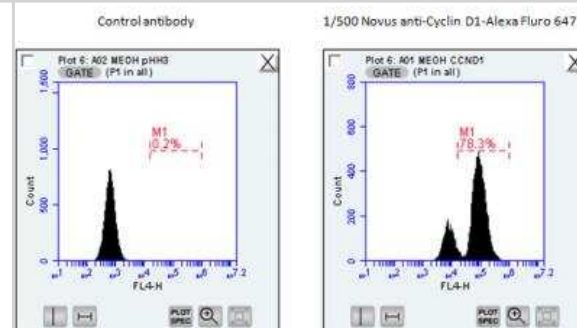
Immunohistochemistry-Paraffin: Cyclin D1 Antibody (DCS-6) - Azide and BSA Free [NBP2-33138] - Formalin-fixed, paraffin-embedded human Mantle Cell Lymphoma stained with Cyclin D1 Antibody (DCS-6).



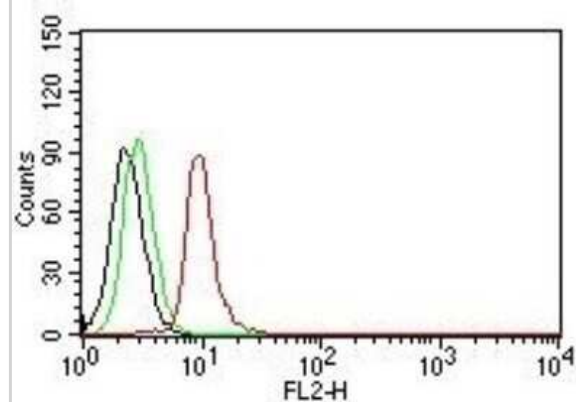
Flow Cytometry: Cyclin D1 Antibody (DCS-6) - Azide and BSA Free [NBP2-33138] - Flow Cytometric analysis of human Cyclin D1 on MCF-7 cells. Black: cells alone; Green: Isotype Control; Red: PE-labeled Cyclin D1 Monoclonal Antibody (DCS-6).



Flow Cytometry: Cyclin D1 Antibody (DCS-6) - Azide and BSA Free [NBP2-33138] - Cyclin D1 staining of HCT116 cells using Alexa Fluor 647 conjugated Cyclin D1 antibody. Image from verified customer review.



Flow Cytometry: Cyclin D1 Antibody (DCS-6) - Azide and BSA Free [NBP2-33138] - Flow Cytometry of human Cyclin D1 on Jurkat cells. Black: cells alone; Green: Isotype Control; Red: PE-labeled Cyclin D1 Antibody (DCS-6).





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Products Related to NBP2-33138

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
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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