

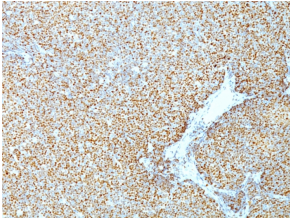
Anti-Cyclin D1 Antibody [CCND1/809] - BSA and Azide free (A253038)

Specifications:

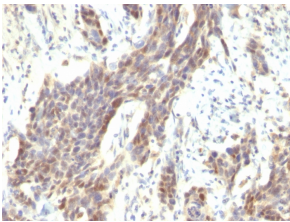
Name:	Anti-Cyclin D1 Antibody [CCND1/809] - BSA and Azide free
Description:	Mouse monoclonal [CCND1/809] antibody to Cyclin D1.
Specificity:	This antibody recognizes a protein of 36kDa, identified as cyclin D1. Cyclin D1, one of the key cell cycle regulators, is a putative proto-oncogene overexpressed 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.
Applications:	Flow Cytometry, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant human CCND1 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	CCND1/809
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Cyclin D1 Antibody [CCND1/809] (A249858).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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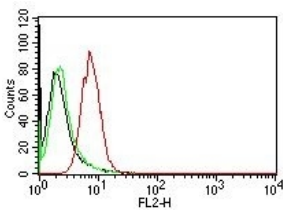
Images:



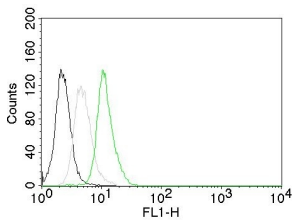
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human mantle cell lymphoma using Anti-Cyclin D1 Antibody [CCND1/809].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human bladder carcinoma using Anti-Cyclin D1 Antibody [CCND1/809].



Flow cytometric analysis of HeLa cells labeling Cyclin D1 with Anti-Cyclin D1 Antibody [CCND1/809] (PE) (Red). Cells alone (Black). Isotype Control (Green).



Flow cytometric analysis of Jurkat cells labeling Cyclin D1 with Anti-Cyclin D1 Antibody [CCND1/809] (AF488) (Green). Cells alone (Black). Isotype Control (Grey).