

## Mouse monoclonal antibody to G1/S-specific cyclin-D1 [CY-D1]: IgG

<b>Catalogue No.:</b>	M-1196-100
<b>Description:</b>	G1/S-specific cyclin-D1 (CCND1) is a member of the Cyclin family which act as regulators of CDK kinases. CCND1 is essential for the control of the cell cycle at the G1/S (start) transition.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human G1/S-specific cyclin-D1 protein
<b>Clone:</b>	CY-D1
<b>Other Names:</b>	PRAD1; BCL-1 oncogene; CCND1;
<b>Accession:</b>	P20248 CCND1_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 4.0 ug/mL is recommended for WB. Human G1/S-specific cyclin-D1 has a predicted length of 295 residues and MW of 34 kDa. A concentration of 8.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

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