

## Mouse monoclonal antibody to Cyclin-dependent kinase 4 inhibitor D [IMD-19]: IgG

<b>Catalogue No.:</b>	M-1172-100
<b>Description:</b>	Cyclin-dependent kinase 4 inhibitor D (CDKN2D) is a specific inhibitor of cyclin-dependent kinases CDK4 and CDK6. CDK4 is a subunit of the protein kinase complex that is important for cell cycle G1 phase progression.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human Cyclin-dependent kinase 4 inhibitor D
<b>Clone:</b>	IMD-19
<b>Other Names:</b>	p19-INK4d; CDKN2D; p19INK4d;
<b>Accession:</b>	P55273 CDN2D_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human CDKN2D has a predicted length of 166 residues and MW of 18 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded 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;
<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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FOR RESEARCH USE ONLY

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