



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

Catalogue No.:	M-1172-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human Cyclin-dependent kinase 4 inhibitor D
Clone:	IMD-19
Other Names:	p19-INK4d; CDKN2D; p19INK4d;
Accession:	P55273 CDN2D_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase.

FOR RESEARCH USE ONLY
