

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

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| 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
