



## Mouse monoclonal antibody to Cyclin-dependent kinase 4 [IML-4]: IgG

<b>Catalogue No.:</b>	M-1173-100
<b>Description:</b>	Cyclin-dependent kinase 4 (CDK4) belongs to the Ser/Thr protein kinase family. CDK4 is a subunit of the protein kinase complex that is important for cell cycle G1 phase progression. Mutations in CDK4 have been implicated in tumor formation. Multiple alternatively spliced variants and polyadenylation sites have been reported for this gene.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human Cyclin-dependent kinase 4 (CDK4)
<b>Clone:</b>	IML-4
<b>Other Names:</b>	Cell division protein kinase 4; PSK-J3; CDK4;
<b>Accession:</b>	P11802 CDK4_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human CDK4 has a predicted length of 303 residues and MW of 34 kDa. 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 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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