

## Mouse monoclonal antibody to M-phase inducer phosphatase 3 [IMD-25]: IgG

<b>Catalogue No.:</b>	M-1184-100
<b>Description:</b>	M-phase inducer phosphatase 3, also known as CDC25C, is a tyrosine phosphatase expressed predominantly in G2 phase. It directly dephosphorylates CDC2 and triggers entry into mitosis. M-phase inducer phosphatase 3 is also thought to suppress p53-induced growth arrest. At least 5 isoforms are produced by alternative splicing.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human M-phase inducer phosphatase 3
<b>Clone:</b>	IMD-25
<b>Other Names:</b>	Dual specificity phosphatase Cdc25C; CDC25C; MPIP3;
<b>Accession:</b>	P30307 MPIP3_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human M-phase inducer phosphatase 3 (isoform 1) has a predicted length of 473 residues and MW of 53 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;
<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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