

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

Catalogue No.:	M-1184-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human M-phase inducer phosphatase 3
Clone:	IMD-25
Other Names:	Dual specificity phosphatase Cdc25C; CDC25C; MPIP3;
Accession:	P30307 MPIP3_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB 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

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