

Mouse monoclonal antibody to human DNA replication licensing factor MCM7 [M3]: IgG

Catalogue No.:	M-1205-100
Description:	DNA replication licensing factor MCM7 belongs to the MCM family of proteins. MCM7 is required for G1/S phase transition. It ensures the correct assembly of replication forks on chromosomal DNA and that the genome is replicated only once at each cell cycle. Overexpression of MCM7 has been found in human gastric tumors. At least 2 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human DNA replication licensing factor MCM7
Other Names:	CDC47 homolog; MCM7; CDC47; MCM2;
Accession:	P33993 MCM7_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human MCM7 (isoform 1 precursor) has a predicted length of 719 residues and MW of 81 kDa.
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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