

MCM2 Antibody (YA705)

Cat. No.:	HY-P80749
Synonyms:	MCM2 Antibody (YA705) is a non-conjugated and Mouse originated monoclonal antibody about 102 kDa, targeting to MCM2 (2B5). It can be used for WB,IHC-F,IHC-P,ICC/IF,FC,IP assays with tag free, in the background of Human, Mouse.
Host:	Mouse
Reactivity:	Human,Mouse
Conjugation:	Non-conjugated
SwissProt ID:	P49736
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 102 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
	IP	1:20
	FC	1:50-1:100
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>MCM2 (2B5): The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Oct 2012]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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