

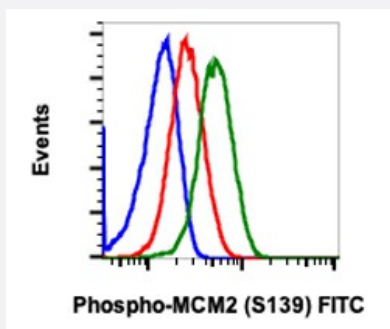
RecomAb™

# MCM2 recombinant monoclonal antibody, clone MCM2S139-B12 (FITC)

Catalog # RAB03084

Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of C6 cells, untreated and unstained as negative control (blue) or untreated (red) or treated with staurosporine (green) and stained using Phospho-MCM2 (Ser139) antibody MCM2S139-B12 FITC conjugate.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MCM2.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Ser139 of human phospho MCM2
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	In PBS (0.2% BSA, 0.09% Sodium azide)
<b>Storage Instruction</b>	Store at 4°C. Do not freeze.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — MCM2

<b>Entrez GeneID</b>	<a href="#">4171</a>
<b>Protein Accession#</b>	<a href="#">P49736</a>
<b>Gene Name</b>	MCM2
<b>Gene Alias</b>	BM28, CCNL1, CDCL1, D3S3194, KIAA0030, MGC10606, MITOTIN, cdc19
<b>Gene Description</b>	minichromosome maintenance complex component 2
<b>Omim ID</b>	<a href="#">116945</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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. [provided by RefSeq]
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<b>Other Designations</b>	DNA replication licensing factor MCM2 MCM2 minichromosome maintenance deficient 2, mitotin cell division cycle-like 1 cyclin-like 1 minichromosome maintenance deficient 2 (mitotin) nuclear protein BM28
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## Pathway

- [Cell cycle](#)

- [DNA replication](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)