

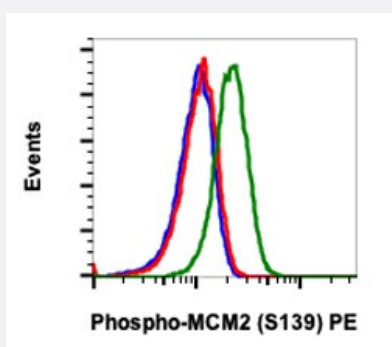
RecomAb™

MCM2 recombinant monoclonal antibody, clone JAK3Y980981-E10 (PE)

Catalog # RAB02866

Size 200 uL

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 PE conjugate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MCM2.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr980/981 of human Jak3
Reactivity	Human
Form	Liquid
Purification	Protein A+G
Isotype	Rabbit IgG1k
Conjugation Note	PE
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

Storage Buffer	1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	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

Entrez GeneID	4171
Protein Accession#	P49736
Gene Name	MCM2
Gene Alias	BM28, CCNL1, CDCL1, D3S3194, KIAA0030, MGC10606, MITOTIN, cdc19
Gene Description	minichromosome maintenance complex component 2
Omim ID	116945
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	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

Pathway

- [Cell cycle](#)
- [DNA replication](#)

Disease

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