MCM2 (Human) Cell-Based ELISA Kit

Catalog # KA2983 Size 1 Kit

Specification

Product Description	MCM2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of MCM2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

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

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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 sho wn to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulat ed by, protein kinases CDC2 and CDC7. [provided by RefSeq
Other Designations	DNA replication licensing factor MCM2|MCM2 minichromosome maintenance deficient 2, mitotin| cell devision cycle-like 1|cyclin-like 1|minichromosome maintenance deficient 2 (mitotin)|nuclear p rotein BM28

Pathway

- Cell cycle
- DNA replication

Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms

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