

Product Datasheet

MCM2 Antibody



Catalog No: CY5200

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: Q07820

All Names: BM28; CCNL1; cdc19; CDCL1; cell division cycle-like 1; cyclin-like 1; D3S3194; DNA replication licensing factor MCM2; KIAA0030; MCM2; MCM2 minichromosome maintenance deficient 2, mitotin; MGC10606; minichromosome maintenance complex component 2; minichrom

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 102 kDa

Application

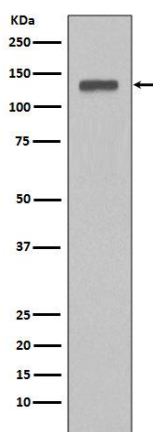
WB 1:1000~1:5000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

The minichromosome maintenance (MCM) 2-7 proteins are a family of six related proteins required for the initiation and elongation of DNA replication. MCM2-7 bind together to form the heterohexameric MCM complex that is thought to act as a replicative helicase at the DNA replication fork. This complex is also a key component of the pre-replication complex (pre-RC). Cdc6 and CDT1 recruit the MCM complex to the origin recognition complex (ORC) during late mitosis/early G1 phase forming the pre-RC and licensing the DNA for replication.



Western blot analysis of MCM2 expression in HeLa cell lysate.

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