

MCM2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 102kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human MCM2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg/ml

Synonym:

BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN;

Catalog #: A0502

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4171

Isotype: IgG

Swiss Prot: P49736

Purity: Affinity purification

For research use only.

Background:

The MCM2-7 complex forms the core of the replicative helicase which acts as the molecular motor that uses ATP binding and hydrolysis to fuel the unwinding of double-stranded DNA at the replication fork in eukaryotes. This complex is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. MCM2, also named CDCL1 and BM28, is a human nuclear protein that plays an important role in 2 crucial steps of the cell cycle, namely, onset of DNA replication and cell division.

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