MCM2 RABBIT MAB

: N263417

: MCM2

MCM2; BM28; CCNL1; CDCL1; KIAA0030; DNA replication licensing factor MCM2; Minichromosome maintenance protein 2 homolog; Nuclear protein BM28

UNIPROT ID: P49736

: 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. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Oct 2012]

: A synthetic peptide of human MCM2

: WB,IHC-F,IHC-P,ICC/IF,IP

: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

: Rabbit

Rabbit Monoclonal

: R02-0D3

: Calculated MW: 102 kDa; Observed MW: 125 kDa

: IgG

: Affinity Purified
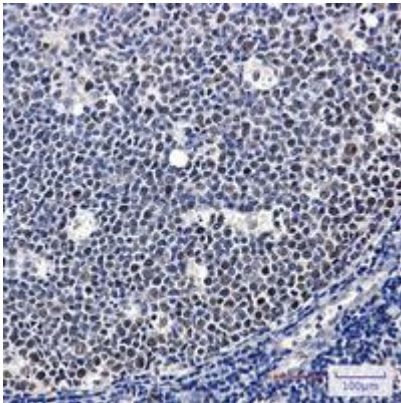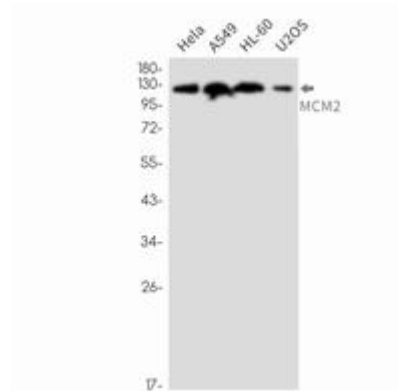
: Human

: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
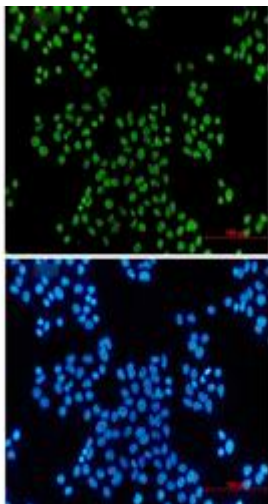
: Epigenetics and Nuclear Signaling

: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded Human tonsil using MCM2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of MCM2 in Hela, A549, HL-60, U2OS lysates using MCM2 antibody.

Immunocytochemistry analysis of MCM2 (green) in hela using MCM2 antibody,and DAPI(blue)