

Product Datasheet

MCM2 (2B5) Mouse mAb

Catalog No: AB3440

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF,FC,IP



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Information

UniProt ID: P49736

All Names: BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN; KIAA0030; MGC10606

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.: 125kDa

Application

WB: 1/500-1/1000

IHC: 1/50-1/100

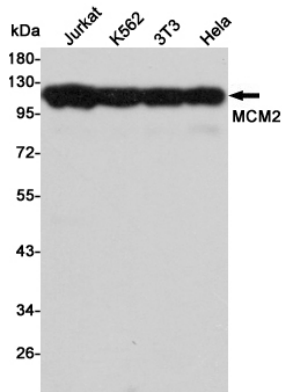
ICC/IF: 1/50-1/200

IP: 1/20

FC: 1/50-1/100

Background

Swiss-Prot Acc.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.



Western blot detection of MCM2 in Jurkat,K562,3T3 and HeLa cell lysates using MCM2 mouse mAb (1:3000 diluted).Predicted band size:125KDa.Observed band size:125KDa.

For Research Use Only. Not For Use In Diagnostic Procedures.

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