

产品名称: MCM2 (2B5) Mouse Monoclonal Antibody
产品货号: AMM03697



产品概述 (Summary)

产品名称 (Production Name)	MCM2 (2B5) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Ascitic Fluid

免疫原信息 (Immunogen)

基因名 (Gene Name)	MCM2 MCM2; BM28; CCNL1; CDCL1; KIAA0030; DNA replication licensing factor
别名 (Alternative Names)	MCM2; Minichromosome maintenance protein 2 homolog; Nuclear protein BM28
基因 ID (Gene ID)	4171
蛋白 ID (SwissProt ID)	P49736.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 102 kDa; Observed MW: 125 kDa

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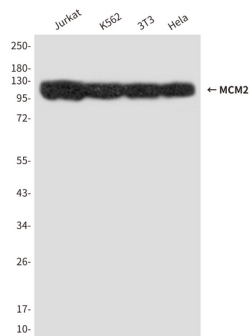
研究背景 (Background)

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]

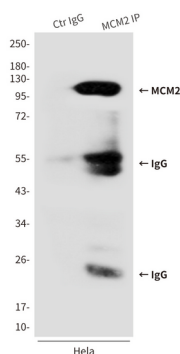
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

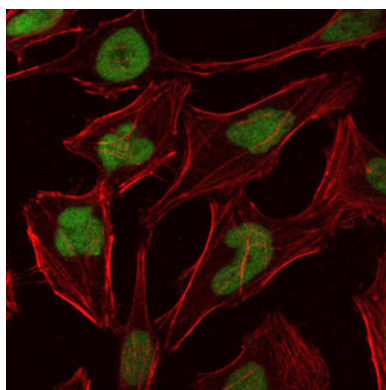


Western blot analysis of MCM2 in Jurkat, K562, 3T3 and HeLa lysates using MCM2 antibody.

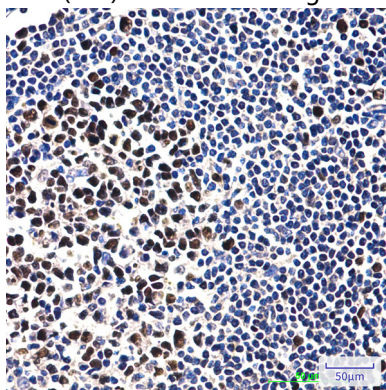


Immunoprecipitation analysis of MCM2 (2B5) in HeLa lysates using MCM2 antibody.

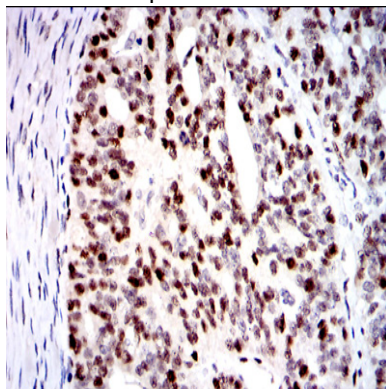
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Immunofluorescence analysis of MCM2 (2B5) in HeLa cells using MCM2 antibody(green),and DAPI (blue).

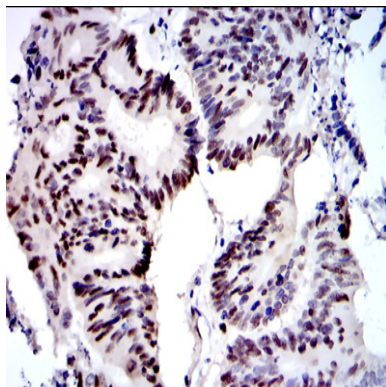


Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using MCM2 (2B5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded ovarian cancer tissues using MCM2 (2B5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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

注意事项 (Note)

For research use only .