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Phospho-MCM2 (S27) Rabbit mAb

货号: AYM31271

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	101kDa
实测分子量	125kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW480,SH-SY5Y,Raji,A-549,HeLa,HL-60,Mouse thymus
细胞定位	Nucleus
纯化	Affinity purification

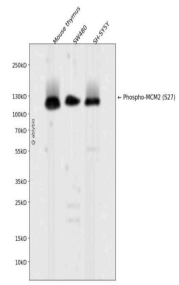
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-MCM2 (S27).

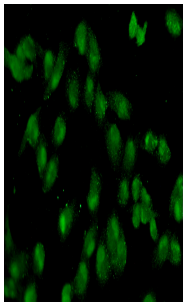
靶点信息

研究背景	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 comple x formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involv ed in the formation of replication forks and in the recruitment of other DNA replication related proteins. T his 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. Mult iple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.
基因ID	4171
基因名	MCM2
Swiss	P49736 (https://www.uniprot.org/uniprotkb/P49736/entry)
别名	Phospho-MCM2 (S27),Phospho-MCM2 (S27) Rabbit mAb,MCM2,Minichromosome maintenance protein 2 h omolog,Nuclear protein BM28,BM28,CCNL1,CDCL1,KIAA0030

产品验证



Western blot analysis of Phospho-MCM2 (S27) expressed in Mouse thymus,SW480,SH-SY5Y using Phospho -MCM2 (S27) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysat es/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exp osure time: 120s.



Immunofluorescence analysis of ACHN cells labelling Phospho-MCM2 (S27) Rabbit mAb with . The cells we re fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glyci ne in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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