

产品名称: Cyclin B1(1A5)Mouse Monoclonal Antibody
产品货号: AMM09585



产品概述 (Summary)

产品名称 (Production Name)	Cyclin B1(1A5)Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC/IF
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CCNB1
别名 (Alternative Names)	CCNB1
基因 ID (Gene ID)	891.0
蛋白 ID (SwissProt ID)	P14635.Synthetic Peptide of Cyclin B1 at AA range of 60-140

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:200, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	55kDa

研究背景 (Background)

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2)

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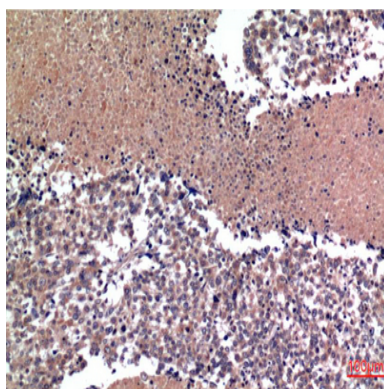


to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq, Jul 2008],developmental stage:Accumulates steadily during G2 and is abruptly destroyed at mitosis.,function:Essential for the control of the cell cycle at the G2/M (mitosis) transition.,PTM:Ubiquitinated by the SCF(NIPA) complex during interphase, leading to its destruction. Not ubiquitinated during G2/M phases.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin AB subfamily.,subunit:Interacts with the CDC2 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF). The cyclin subunit imparts substrate specificity to the complex. Binds HEI10. Interacts with catalytically active RALBP1 and CDC2 during mitosis to form an endocytotic complex during interphase.,

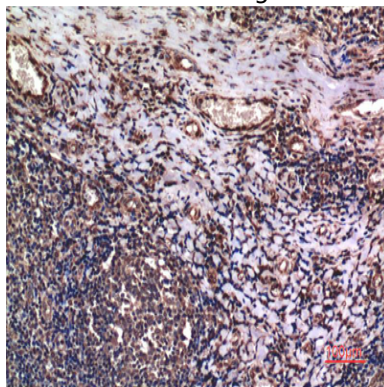
研究领域 (Research Area)

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;p53;Progesterone-mediated oocyte maturation;

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Human lung Tissue using Cyclin B1 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using Cyclin B1 Mouse mAb diluted at 1:200.

注意事项 (Note)

For research use only .

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