

产品名称: Cyclin E2 Rabbit Monoclonal Antibody
产品货号: AMRe85474



产品概述 (Summary)

产品名称 (Production Name)	Cyclin E2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human

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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Cyclin E2
别名 (Alternative Names)	CCNE2; G1/S-specific cyclin-E2
基因 ID (Gene ID)	9134.0
蛋白 ID (SwissProt ID)	O96020.A synthetic peptide of human Cyclin E2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 47 kDa; Observed MW: 47 kDa

研究背景 (Background)

The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels

产品名称: Cyclin E2 Rabbit Monoclonal Antibody
产品货号: AMRe85474

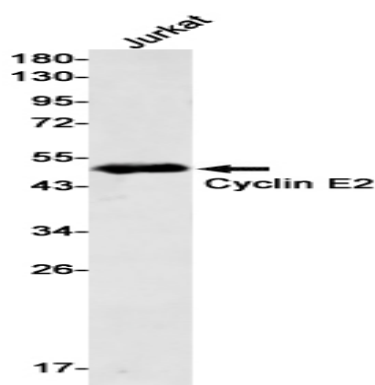


peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) and p21 (Cip1). Cyclin E2 / Cdk2 phosphorylates histone H1 in vitro. G1 cyclin E controls the initiation of DNA synthesis by activating CDK2. Abnormally high levels of cyclin E expression have frequently been observed in human cancers.

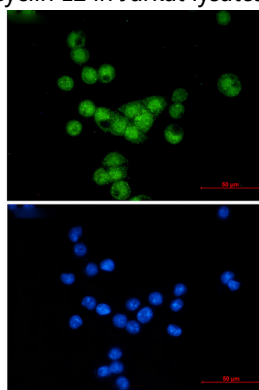
研究领域 (Research Area)

PI3K-Akt signaling pathway

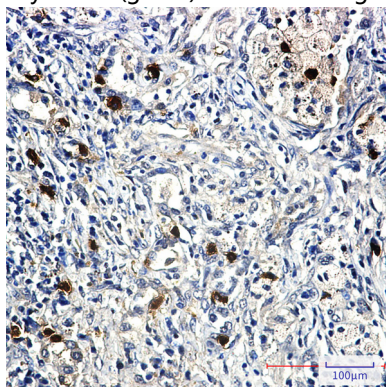
图片 (Image Data)



Western blot analysis of Cyclin E2 in Jurkat lysates using Cyclin E2 antibody.



Immunocytochemistry analysis of Cyclin E2 (green) in MCF-7 using Cyclin E2 antibody, and DAPI (blue)



产品名称: Cyclin E2 Rabbit Monoclonal Antibody
产品货号: AMRe85474



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cyclin E2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .