

产品名称: Cyclin E1 (19C1) Rabbit Monoclonal Antibody
产品货号: AMRe09593



产品概述 (Summary)

产品名称 (Production Name)	Cyclin E1 (19C1) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CCNE1
别名 (Alternative Names)	CCNE; Ccne1; cyclin E variant ex5del; cyclin E variant ex7del; Cyclin E1; Cyclin Es; Cyclin Et; G1/S specific cyclin E; G1/S-specific cyclin-E1;
基因 ID (Gene ID)	898.0
蛋白 ID (SwissProt ID)	P24864.A synthetic peptide of human Cyclin E1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000, ICC/IF 1:20-1:50
蛋白分子量 (Molecular Weight)	47kDa

研究背景 (Background)

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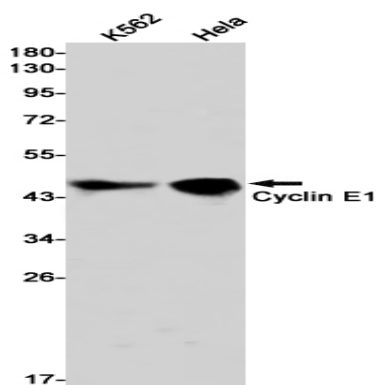


Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Cyclin E1 is phosphorylated at multiple sites in vivo including Thr62, Ser88, Ser72, Thr380 and Ser384, and is controlled by at least two kinases, CDK2 and GSK-3. Essential for the control of the cell cycle at the G1/S (start) transition.

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of Cyclin E1 in K562, HeLa cell lysates using Cyclin E1 antibody (1:1000 diluted).

注意事项 (Note)

For research use only.