

产品名称: Phospho-Rb2 p130 (Ser952) Rabbit Monoclonal Antibody
产品货号: AMRe84880

产品概述 (Summary)

产品名称 (Production Name)	Phospho-Rb2 p130 (Ser952) 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)	Phosphorylated
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)	Phospho-Rb2 p130 (Ser952)
别名 (Alternative Names)	Rb2; P130
基因 ID (Gene ID)	5934.0
蛋白 ID (SwissProt ID)	Q08999.A synthetic phosphopeptide corresponding to residues surrounding Ser952 of human Rb2 p130

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: 128 kDa; Observed MW: 128 kDa

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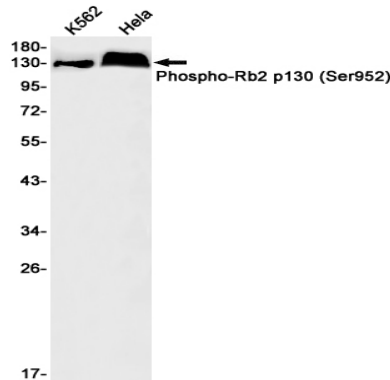
研究背景 (Background)

Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.

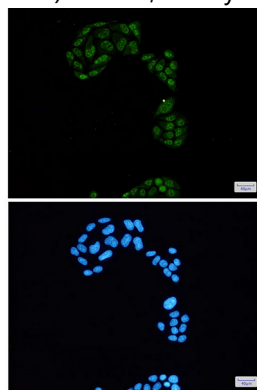
研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)

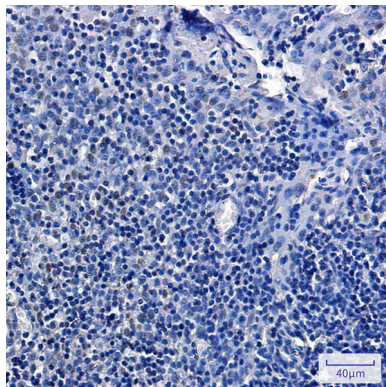


Western blot analysis of Rb2 p130 (Phospho-Ser952) in K562, HeLa lysates using Phospho-Rb2 p130 (Ser952) antibody.



Immunocytochemistry analysis of Rb2 p130 (Phospho-Ser952)(green) in HeLa using Rb2 p130 (Phospho-Ser952) antibody, and DAPI(blue)

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Rb2 p130 (Phospho-Ser952) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .