

产品名称: AURKB Mouse Monoclonal Antibody
产品货号: AMM80575



产品概述 (Summary)

产品名称 (Production Name)	AURKB Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse, Monkey, Rabbit

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
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 PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AURKB
别名 (Alternative Names)	AURKB
基因 ID (Gene ID)	9212.0
蛋白 ID (SwissProt ID)	Q96GD4.Purified recombinant fragment of AURKB expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	39kDa

研究背景 (Background)

AURKB (aurora kinase B, AIK2 or aurora-B), with 344-amino acid protein(about 39kDa),localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers. AURKB is a mitotic protein kinase, which

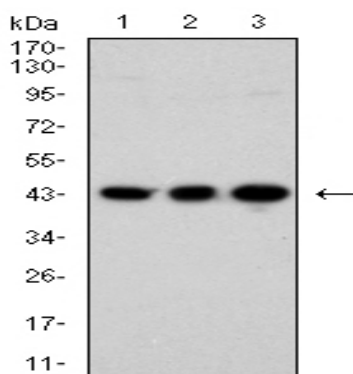
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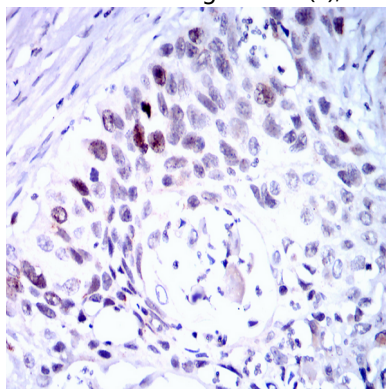
phosphorylates histone H3 and regulates Chromosomal segregation during mitosis and meiosis. It may regulate several stages of mitosis such as centrosome separation, chromosome segregation and cytokinesis. Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. ARK-2 transcripts are present at high levels in human thymus and fetal liver. ARK-2 protein levels are maximal during both S and G2/M phases

研究领域 (Research Area)

图片 (Image Data)

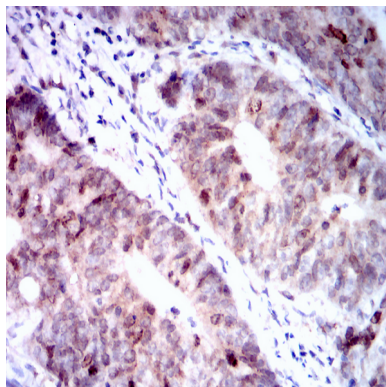


Western blot analysis using AURKB mouse mAb against F9 (1), COS7 (2), and C2C12 (3) cell lysate.

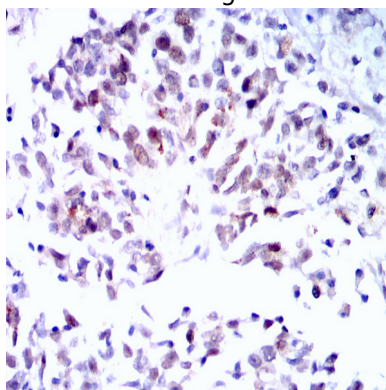


Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using AURKB mouse mAb with DAB staining.

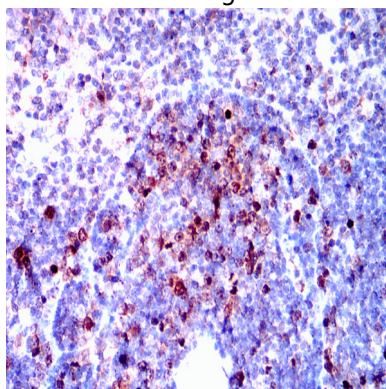
产品名称: AURKB Mouse Monoclonal Antibody
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Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using AURKB mouse mAb with DAB staining.

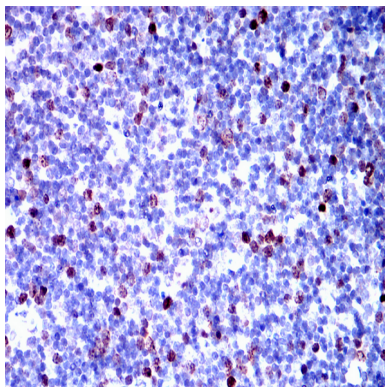


Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using AURKB mouse mAb with DAB staining.

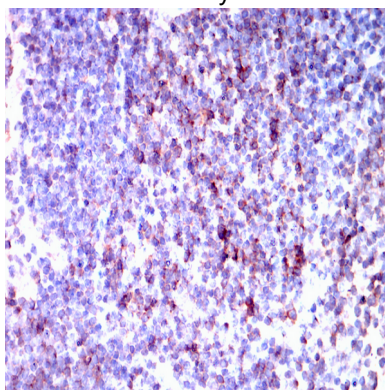


Immunohistochemical analysis of paraffin-embedded rat thymus tissues using AURKB mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded rabbit thymus tissues using AURKB mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissues using AURKB mouse mAb with DAB staining.

注意事项 (Note)

For research use only .