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Aurora B Rabbit mAb

货号: **AYM28496**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	39kDa
实测分子量	39kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,HepG2,A-549
细胞定位	Chromosome,Cytoplasm,Midbody,Nucleus,centromere,cytoskeleton,spindle
纯化	Affinity purification

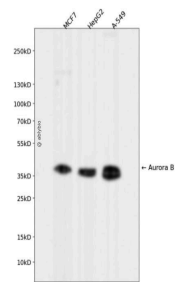
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Aurora B.
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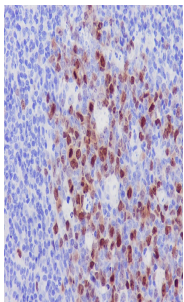
靶点信息

研究背景	This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]
基因ID	9212
基因名	AURKB
Swiss	Q96GD4 (https://www.uniprot.org/uniprotkb/Q96GD4/entry)
别名	Aurora B,AIK2,AIM-1,AIM1,ARK-2,ARK2,AurB,AURKB,AURKB_HUMAN,Aurora 1,Aurora and Ipl1 like midbody associated protein 1,Aurora kinase B,Aurora related kinase 2,Aurora- and Ipl1-like midbody-associated protein 1,Aurora-B,Aurora-related kinase 2,Aurora/IPL1 related kinase 2,Aurora/IPL1-related kinase 2,IPL1,PP P1R48,Protein phosphatase 1 regulatory subunit 48,Serine/threonine kinase 12,Serine/threonine protein kinase 12,Serine/threonine-protein kinase 12,Serine/threonine-protein kinase aurora-B,STK-1,STK1,STK12,STK5,Aurora B Rabbit mAb,Serine/threonine-protein kinase 5

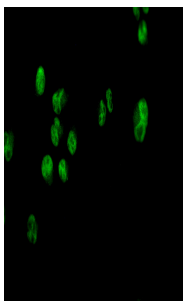
产品验证



Western blot analysis of Aurora B expressed in MCF7,HepG2,A-549 using Aurora B Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human tonsil, using Aurora B Antibody.



Immunofluorescence analysis of HeLa cells labelling Aurora B with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

