

Basic Information

Product Name	Anti-CDK1 Antibody (Clone#A17)	
Gene Name	CDK1	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG2a	
Species Reactivity	human, mouse, chicken	
Tested Application	WB, IHC	
Contents	200ug/ml antibody with PBS , 0.02% NaN ₃ , 1mg BSA and 50% glycerol.	
Immunogen	C-terminal two-thirds of Xenopus CDK1 expressed in E.coli.	
Concentration	200ug/ml	
Purification	Ascites	
Observed MW	34 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-400
	(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

P34(cdc2), also known as cell division cycle(CDC2), or cyclin-dependent kinase 1(CDK1). CDC2 is a catalytic subunit of a protein kinase complex, called the M-phase promoting factor, that induces entry into mitosis and is universal among eukaryotes. In HeLa cells CDC2 is the most abundant phosphotyrosine-containing protein and its phosphotyrosine content is subject to cell cycle regulation. CDC2 gene is located on chromosome 10.

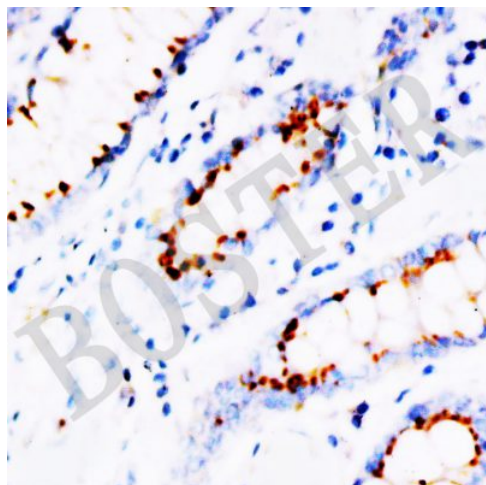
Reference

Anti-CDK1 Antibody (Clone#A17)被引用在6文献中。

Selected Validation Data



CDK1(BM0027)(MW:34KD)Hela, Jurkat, NIN3T3, PC12细胞裂解, 免疫印迹分析。



CDK1(BM0027)直肠癌标本, 石蜡切片, DAB显色, 胞浆染色。