

Product datasheet
Anti-MAPK1 Antibody
Catalog Number: BM1595



BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-MAPK1 Antibody	
Gene Name	MAPK1; MAPK3	
Source	Mouse IgG1	
Species Reactivity	human,mouse,rat,yeast	
Tested Application	WB,IHC-P,ICC	
Contents	200ug/ml antibody with PBS , 0.02% NaN ₃ , 1mg BSA	
Immunogen	A synthetic peptide containing 11 amino acids, HTGFLTpEYpVAT, corresponding to the phosphorylated form of ERK-activation loop conjugated to KLH.	
Purification	Ascites	
Observed MW		
Dilution Ratios	Western blot:	1:500-2000
	Immunohistochemistry(Paraffin-embedded Section):	1:50-400
	Immunocytochemistry:	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 as supplied.6 months 2 to 8 after reconstitution.
Avoid repeated freezing and thawing

Background Information

In mammalian cells, a variety of extracellular stimuli generate intracellular signals that converge on a limited number of so-called mitogen-activated protein(MAP) kinase pathways. The central core of each MAP kinase(MAPK) pathway is a conserved cascade of 3 protein kinases: an activated MAPK kinase kinase(MAPKKK) phosphorylates and activates a specific MAPK kinase(MAPKK), which then activates a specific MAPK. Mek1/2 MAPK kinases are essential for mammalian development, homeostasis, and Raf-induced hyperplasia. Germline mutations in genes within the MAPK pathway cause cardio-facio-cutaneous syndrome.

Reference

Anti-MAPK1 Antibody被引用在0文献中。

暂无引用

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Selected Validation Data
