

## Basic Information

<b>Product Name</b>	Anti-P53/TP53 (acetyl K370) Antibody (Clone#DEO-20)	
<b>Gene Name</b>	TP53	
<b>Source</b>	Rabbit	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG	
<b>Species Reactivity</b>	human, mouse, rat	
<b>Tested Application</b>	WB,ICC/IF,IP	
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
<b>Immunogen</b>	A synthesized peptide derived from human p53 (acetyl K370)	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Affinity-chromatography	
<b>Observed MW</b>	53 kDa	
<b>Dilution Ratios</b>	Western blot (WB):	1:500-2000
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:20

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

The p53 tumor antigen is found in increased amounts in a wide variety of transformed cells. The protein is also detectable in many actively proliferating, nontransformed cells, but it is undetectable or present at low levels in resting cells. This protein induces cell cycle arrest or apoptosis in response to sublethal or severe DNA damage, respectively, by differential transcription of target genes and through transcription-independent apoptotic functions. The p53 protein contains 393 amino acids. Human p53 tumour antigen is Located to band 17p13. p53 mutations are common in pancreatic cancer and are absent in chronic pancreatitis.

## Reference

Product datasheet

# Anti-P53/TP53 (acetyl K370) Antibody (Clone#DEO-20)

Catalog Number: **BM4309**

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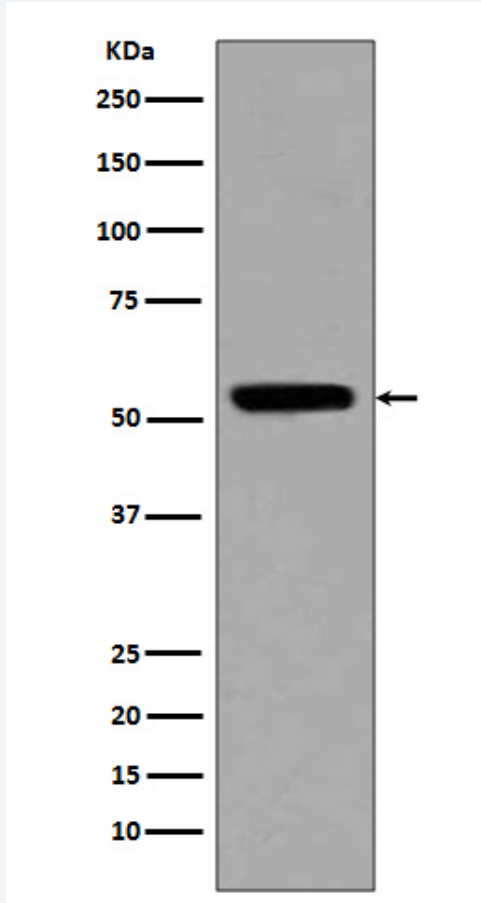
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Building C21, 3rd and 4th floors, Optics Valley Biomedical Accelerator,  
Wuhan East Lake High-tech Development Zone

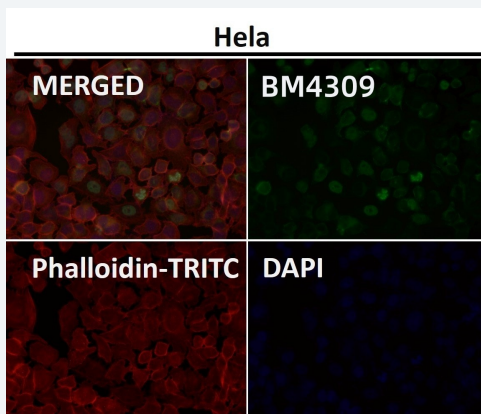
Web: [www.boster.com](http://www.boster.com) Phone: 027-67845390 Email: [boster@boster.com](mailto:boster@boster.com)

Anti-P53/TP53 (acetyl K370) Antibody (Clone#DEO-20)被引用在24文献中。

## Selected Validation Data



Western blot analysis of p53 (acetyl K370) expression in HeLa cell lysate treated with Trichostatin A.



Immunofluorescent analysis using the Antibody.

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