

## Mouse anti-p53, clone Bp53-12 (Monoclonal)

Clone no. Bp53-12

MONOSAN

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Product name	Mouse anti-p53, clone Bp53-12 (Monoclonal)
Host	Mouse
Applications	FC, IF, IHC-P, WB
Species reactivity	chicken, dog, hamster, human, monkey
Conjugate	-
Immunogen	recombinant human p53 protein
Isotype	IgG2a-A
Clonality	Monoclonal
Clone number	Bp53-12
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Bp53-12 reacts with an N-terminal epitope (aa 16-25) of both wild-type and mutated p53. This epitope is revealed in tissue sections only after formalin fixation. Mutation and/or allelic loss of p53 is one of the causes of a variety of mesenchymal and epithelial tumors. p53 Localizes in the nucleus, but is detectable at the plasma membrane during mitosis and when certain mutations modulate cytoplasmic/nuclear distribution.

**References**

1. Bártek J. et al, J Pathol. 169(1):27-34 (1993)
2. Vogelstein and Kinzler, Cell 70: 523-526, (1992)
3. Hollstein et al, Science 253: 49-53: (1991)
4. Lane, D.P, Nature 358: 15-16: (1992)
5. Donehower et al, Biochemic. Biophys. Acta 1155: 181-182, (1993)

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