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39-1049: Anti-p53 Monoclonal Antibody (Clone: BP53-12)

Clonality :	Monoclonal
Clone Name :	BP53-12
Application :	WB,IHC-P,IHC-F,ICC
Reactivity :	Human
Gene :	Tp53
Gene ID :	24842
Uniprot ID :	P10361
Alternative Name :	Cellular tumor antigen p53; Tumor suppressor p53; Tp53; P53
Isotype :	Mouse IgG2a
Immunogen Information :	Recombinant human wild-type p53 protein.

Description

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 Locatedto band 17p13. p53 mutations are common in pancreatic cancer and are absent in chronic pancreatitis.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.5-1Ã□Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-2Ã□Â¼g/ml; Immunohistochemistry(Frozen Section) : 0.5-2Ã□Â¼g/ml; Immunocytochemistry : 1Ã□Â¼g/ml

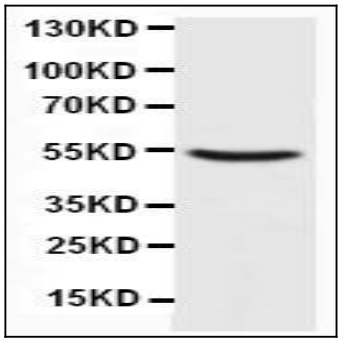


Figure 1: Anti-p53 monoclonal antibody(39-1049). Western blotting: HL-60 Cell Lysate.

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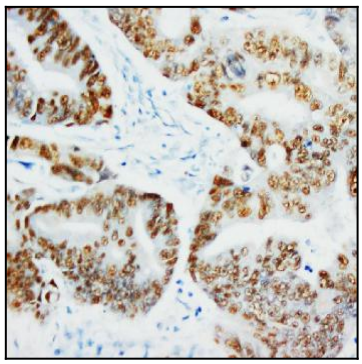


Figure 2: Anti-p53 antibody(monoclonal)39-1049. IHC(P): Human Mammary Cancer Tissue.

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