



Anti- p53 Monoclonal Antibody, Purified

E16THU0011

<u>Catalog No.</u>	<u>Size</u>
E16THU0011-050	50µl
E16THU0011-100	100µl

Description: p53 is a 53 kD protein that forms tetramers and functions as a tumor suppressor and transcriptional activator of genes that inhibit growth and/or invasion, cell cycle checkpoint after irradiation, DNA repair, apoptotic induction, signal transduction, and cell adhesion. This protein is localized to the nucleus when activated and can be upregulated by genotoxic or other cellular stresses. p53 is modified by phosphorylation, acetylation, ribosylation, ubiquitination, and sumoylation; ubiquitination targets p53 for degradation via mdm2. This protein interacts with a variety of proteins including mdm2, mdmx, topoisomerase I, PML3, Bcl-XL, Bcl-2, Chk1, JNK, p38, HIPK2, CK2, DNA-PK, p300/CBP, PCAF, PARP1, and HDAC1-3. Mutant p53 associates with p63 and p73.

Storage: The antibody solution should be stored undiluted between 2°C and 8°C.

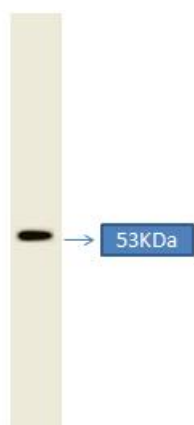
Clone: Pab122

Source: Mouse

Formulation: 0.01M PBS, 0.09%NaN₃, pH 7.4

Application: WB; IHC

Under different test conditions, the best working concentration may be different, please work according to the results of preliminary experiments to determine the best concentration.



Experiment: (Western Blotting Test)

Western blot analysis of p53. Lysate from COS-7 SV40 transformed monkey kidney cells was probed with anti-p53 (clone PAb122).

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