

Anti-p53 [Pab 240]

Catalogue number: 151146

Sub-type: Primary antibody

Images: <https://9406360.fs1.hubspotusercontent-na1.net/hubfs/9406360/Product%20Images/Antibodies/151145%20765x500.png>

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-p53 [Pab 240]

Alternate name: Tumor Protein P53; Phosphoprotein P53; Antigen NY-CO-13; P53; Transformation-Related Protein 53; Mutant Tumor Protein 53; Li-Fraumeni Syndrome; P53 Tumor Suppressor; Tumor Suppressor P53; TRP53; BCC7; LFS1

Class: Monoclonal

Conjugate: Unconjugated

Description: This monoclonal antibody reacts specifically with mutated p53 at an epitope conserved across species and normally hidden within the protein structure in non-mutant forms. Anti-p53 Pab 240 was created further understand the biochemical role of p53 in cancers and the precise effects of mutation. Anti-p53 (Pab 240) antibody recognises an evolutionarily conserved epitope upon p53 hidden within the normal protein structure, however, it does not bind to immunoprecipitated wild-type p53. This antibo...

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Chicken ; Mammalian

Selectivity:

Host: Mouse

Immunogen: p53-b-galactosidase fusion protein containing p53 sequence from amino acids 14-389

(derived from the pSV53C p53 cDNA clone)

Immunogen UNIPROT ID: P04637

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: MDA-MB-231 cell line

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: p53

Target alternate names:

Target background: p53 is a stress-regulated transcription factor that regulates cell cycle arrest and was first identified as an SV40 large T antigen-binding protein. p53 is the most common genetic mutational event so far identified in human cancers, with the gene present on the short arm of chromosome 17 a frequent site of allele loss in common cancers. The structure of p53 comprises an N-terminal transactivation domain, a central DNA-binding domain, an oligomerisation domain, and a C-terminal regulatory domain...

Molecular weight: 53 kDa

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions:

Shipping at 4° C

Related tools

Related tools:

References

References: Banks et al. 1986. Eur J Biochem. 159(3):529-34. PMID: 2428616.

CancerTools.org