

Anti-p53 [PAb242]

Catalogue number: 153297

Sub-type: Primary antibody

Images:

Contributor

Inventor: David Lane

Institute: Cancer Research UK, London Research Institute: Clare Hall Laboratories

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-p53 [PAb242]

Alternate name: Antigen NY-CO-13, BCC7, Cellular tumor antigen p53, FLJ92943, LFS1, Mutant tumor protein 53, p53, p53 tumor suppressor, P53_HUMAN, Phosphoprotein p53, Tp53, Transformation related protein 53, TRP53, Tumor protein 53, Tumor protein p53, Tumor suppressor p53

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody directed against p53, binding a distinct epitope in amino acids 18-27 at the N-terminus

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Mouse

Selectivity:

Host: Mouse

Immunogen: SV40-transformed cell line BALB/c SVA31 E7

Immunogen UNIPROT ID: P04637

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

MEFs

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: p53

Target alternate names:

Target background: Anti-p53 binds p53 protein, a crucial tumour suppressor protein, implicated in over 50% of cancers. 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 involved in many mechanisms of anti-cancer function and plays a role in apoptosis, genomic stability, cell cycle regulation, and inhibition of angiogenesis. p53 is known as the guardian of the genome as it functions to prevent gene mutation....

Molecular weight: 53 kDa

Ic50:

Applications

Application: ELISA ; 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: Tissue-selective expression of a conditionally-active ROCK2-estrogen receptor fusion protein. ; Samuel et al. 2016. Genesis. :. PMID: 27775859.

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