

MONOMETHYL-P53 (LYS370) (4C7) MOUSE MAB

Cat.#: N261369

Product Name: Anti-MonoMethyl-p53 (Lys370) (4C7) Mouse Monoclonal Antibody

Synonyms: Cellular tumor antigen p53; Cys 51 stop; Tp53; Tumor protein p53

UNIPROT ID: P04637

Background: Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

Immunogen: Synthetic peptide conjugated to KLH.

Applications: IHC-P

Recommended Dilutions: IHC: 1/50-1/100

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4C7-7E1-8E2

MW: -

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Rat,Mouse

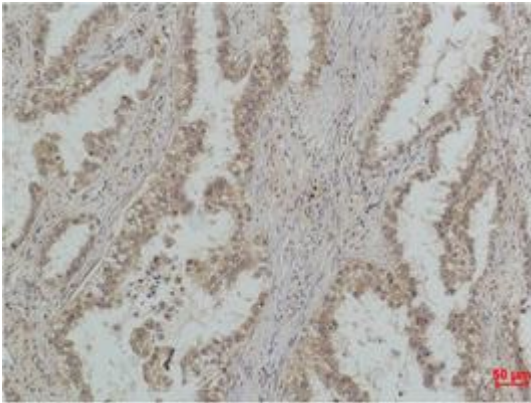
Conjugation: Unconjugated

Modification: Methylated

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human Lung Carcinoma using MonoMethyl-p53 (Lys370) (4C7) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.