

**Product Name: MonoMethyl-p53 (Lys370) (4C7) Mouse
Monoclonal Antibody
Catalog #: AMM00778**

Summary

Production Name	MonoMethyl-p53 (Lys370) (4C7) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	TP53
Alternative Names	Cellular tumor antigen p53; Cys 51 stop; Tp53; Tumor protein p53
Gene ID	7157
SwissProt ID	P04637.

Application

Dilution Ratio	IHC: 1:50-1:100
Molecular Weight	-

Background

Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from

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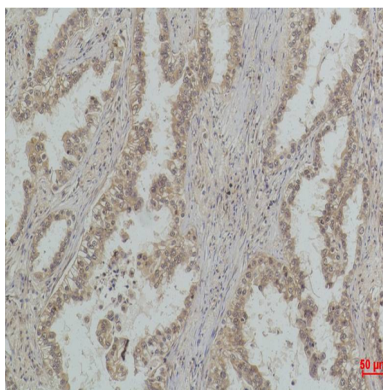


G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

Research Area

Cell Biology

Image Data



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.

Note

For research use only.