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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	TP53
Alternative Names	Cellular tumor antigen p53; Cys 51 stop; Tp53; Tumor protein p53
Gene ID	7157
SwissProt ID	P04637
Immunogen	A synthetic Methylated peptide corresponding to residues target protein

Background

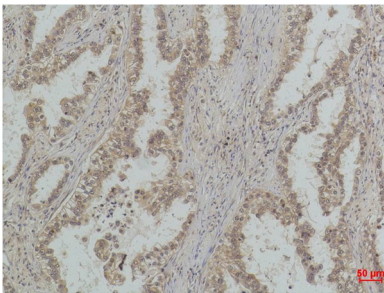
Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts,

and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

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.