

## Anti-Acetyl-p53 (Lys370) Rabbit Monoclonal Antibody

### Introduction

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.

### Product parameters

Alternative Names	P53; BCC7; LFS1; TRP53
Gene ID	7157
Gene Name	TP53
SwissProt ID	P04637
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 44 kDa; Observed MW: 53 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Acetylated
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-7H4E5
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic acetyl-peptide corresponding to residues surrounding Lys370 of human p53
Purification	Affinity Purified
Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Application	WB, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Research Field	Cell Biology
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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