



Rabbit Anti-Human p53 (Acetyl-Lys382) monoclonal antibody, clone 20 I24M25 (CABT- L1641)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with mouse, rat, non-human primate and rabbit based on sequence homology.
Target	TP53
Immunogen	Peptide corresponding to amino acids 377-386 of human p53 [Ack382]
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	20 I24M25
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide

Storage

Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

The p53 tumor suppressor protein plays a major role in cellular response to DNA damage and other genomic aberrations. Activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 acetylation at Lys382 is required for recruitment of p300 to the p21 promoter, and is mediated by p300 and CBP acetyltransferases. Acetylation appears to play a positive role in the accumulation of p53 protein in stress responses, and inhibition of deacetylation stabilizes p53.

Keywords

TP53;tumor protein p53;P53;BCC7;LFS1;TRP53;cellular tumor antigen p53;antigen NY-CO-13;tumor protein 53;phosphoprotein p53;p53 tumor suppressor;mutant tumor protein 53;transformation-related protein 53

GENE INFORMATION

Entrez Gene ID

[7157](#)

UniProt ID

[P04637](#)
