



Anti-TP53 (aa14-389) monoclonal antibody, clone Qbc350 (CABT-B175)

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

PRODUCT INFORMATION

Specificity	Recognizes mammalian and chicken p53.
Target	TP53
Immunogen	A gel purified p53-b-galactosidase fusion protein containing p53 sequence from amino acids 14-389 (derived from the pSV53C p53 cDNA clone)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Mammals, Chicken
Clone	Qbc350
Purification	Protein G affinity purified
Conjugate	Unconjugated
Applications	FACS, IP, IHC-P, WB
Format	Liquid
Concentration	1mg/mL
Size	100 µg
Preservative	None
Storage	Store at 4°C

BACKGROUND

Introduction

p53 is a stress-regulated transcription factor that regulates cell cycle arrest and was first identified as an SV40 large T antigen-binding protein. Mutation of p53 is the most common genetic change so far identified in a number of major carcinomas. p53 is crucial in multicellular organisms, where it regulates the cell cycle and, thus, functions as a tumor suppressor that is involved in preventing cancer. Mutation of p53 is the most common genetic change so far identified in a number of major carcinomas. Activated p53 binds DNA and activates expression of several genes leading to unregulated cellular proliferation.

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

[K7PPA8](#)
