

p53 Monoclonal Antibody(6C4)

Description

Product type	Primary Antibody
Code	BT-MCA0067
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of p53
Mol wt	43653
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC
Concentration	1 mg/ml
Full name	Cellular tumor antigen p53
Synonyms	TP53; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons

Recommended Dilution

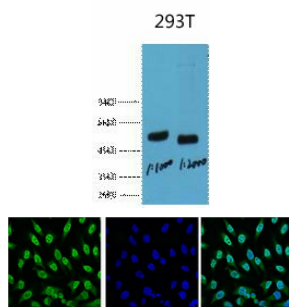
IF: 1:100-200

IHC: 1:200

WB: 1:2000

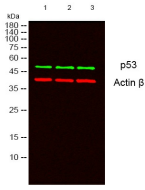
Not yet tested in other applications.

Images



Western blot analysis of 293T diluted at 1) 1:1000 2) 1:2000

IF analysis of HeLa with antibody (Left) and DAPI (Right) diluted at 1:100.



Western blot analysis of lysates from 1) 293T, 2) HEK293, 3) A431 cells, (Green) primary antibody was diluted at 1:1000, 4° overnight, secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) Actin Beta Polyclonal Antibody antibody was diluted at 1:5000 as loading control, 4°C overnight, secondary antibody was diluted at 1:10000, 37°C 1hour.

Storage

-20°C for one year

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