

Basic Information

Product Name	Anti-P53/TP53 Antibody (Clone#OTI3D5)	
Gene Name	TP53	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human	
Tested Application	WB, IHC, ICC/IF, FCM	
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full length human recombinant protein of human TP53 (NP_000537) produced in HEK293T cell.	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	53 kDa	
Dilution Ratios	Western blot (WB): 1:500~2000 Immunohistochemistry (IHC): 1:150 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:100 Flow cytometry (FCM): 1:100	

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

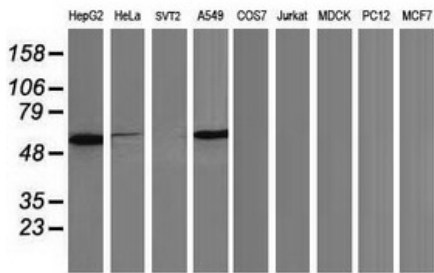
Background Information

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 from identical transcript variants.

Reference

Anti-P53/TP53 Antibody (Clone#OTI3D5)被引用在1文献中。

Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TP53 monoclonal antibody.