

anti- P53 antibody

Product Information

Catalog No.:	FNab06083
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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 from identical transcript variants (PMIDs: 12032546, 20937277).

Immunogen information

Immunogen:	tumor protein p53
Synonyms:	Antigen NY CO 13, Cellular tumor antigen p53, FLJ92943, LFS1, P53, Phosphoprotein p53, TP53, TRP53, tumor protein p53, Tumor suppressor p53
Observed MW:	53 kDa
Uniprot ID :	P04637

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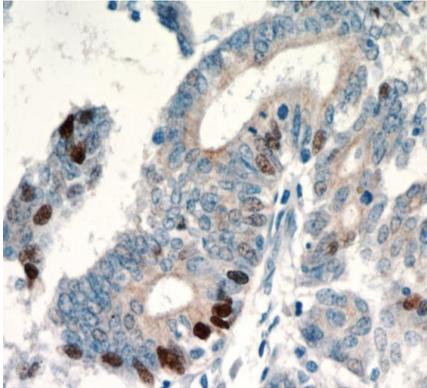
Application

Reactivity: Human, Mouse, Rat

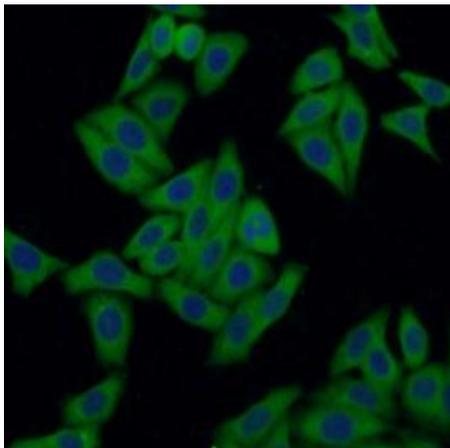
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:20 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human endometrial cancer using FNab06083(P53 antibody) at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using FNab06083 (P53 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L)

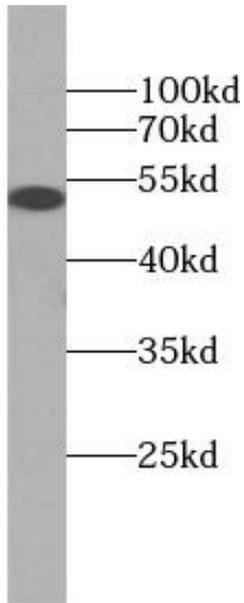
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MCF7 cells were subjected to SDS PAGE followed by western blot with FNab06083(P53 antibody) at dilution of 1:1000