

TP53 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

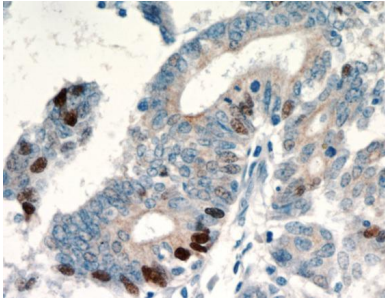
| | |
|--------------|--|
| Immunogen: | tumor protein p53 |
| Synonyms: | Cellular tumor antigen p53 Antigen NY-CO-13 Phosphoprotein p53 Tumor suppressor p53 TP53 P53 |
| Observed MW: | 53 kDa |
| Uniprot ID : | P04637 |

Application

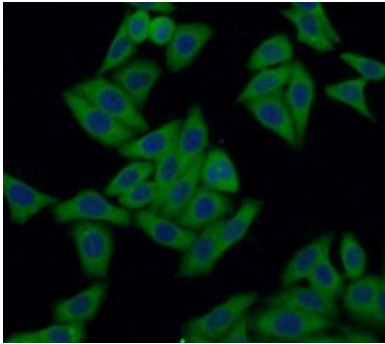
| | |
|---------------------|--------------------|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | ELISA, WB, IHC, IF |

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

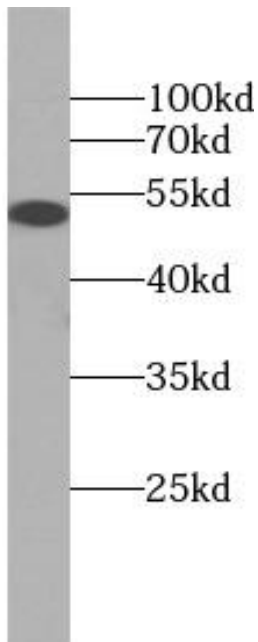
Image:



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)



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