

p53 (FL-393) Antibody HRP Conjugated

Catalog No: #C07616H

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Description

| | |
|-----------------------|---|
| Product Name | p53 (FL-393) Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | WB IHC-P IHC-F ICC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | Full length human p53 protein |
| Conjugates | HRP |
| Target Name | p53 FL-393 |
| Other Names | LFS1; p53; p53 Cellular Tumor Antigen; p53 Tumor Suppressor; Phosphoprotein p53; TP53; Transformation related protein 53; TRP53; Tumor protein p53; Tumour Protein p53. |
| Accession No. | NCBI Gene ID7157 |
| Uniprot | P04637 |
| GeneID | 7157; |
| Excitation Emission | N A |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

p53, a DNA-binding, oligomerization domain- and transcription activation domain-containing tumor suppressor, upregulates growth arrest and apoptosis-related genes in response to stress signals, thereby influencing programmed cell death, cell differentiation, and cell cycle control mechanisms. p53 localizes to the nucleus, yet can be chaperoned to the cytoplasm by the negative regulator, MDM2. MDM2 is an E3 ubiquitin ligase that is upregulated in the presence of active p53, where it poly-ubiquitinates p53 for proteasome targeting. p53 fluctuates between latent and active DNA-binding conformations and is differentially activated through posttranslational modifications, including phosphorylation and acetylation. Mutations in the DNA-binding domain (DBD) of p53, amino acids 110-286, can compromise energetically-favorable association with cis elements and are implicated in several human cancers.

Note: This product is for in vitro research use only