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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TP53 recombinant monoclonal antibody, clone P53S15-1C11

Catalog Number: RAB02784

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human TP53.

Clone Name: P53S15-1C11

Immunogen: A synthetic phospho-peptide corresponding to residues surrounding Ser15 of human phospho p53.

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A+G

Isotype: Rabbit IgG1k

Recommend Usage: Flow Cytometry

Western Blot

The optimal working dilution should be determined by the end user.

Storage Buffer: 1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7157

Gene Symbol: TP53

Gene Alias: FLJ92943, LFS1, TRP53, p53

Gene Summary: This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. p53 protein is expressed at low level in normal cells and at a

high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mutants of p53 that frequently occur in a number of different human cancers fail to bind the consensus DNA binding site, and hence cause the loss of tumor suppressor activity. Alterations of this gene occur not only as somatic mutations in human malignancies, but also as germline mutations in some cancer-prone families with Li-Fraumeni syndrome. Multiple p53 variants due to alternative promoters and multiple alternative splicing have been found. These variants encode distinct isoforms, which can regulate p53 transcriptional activity. [provided by RefSeq]