



p53 Rabbit pAb

db9894 Package: 20μL 50μL 100μL

Product Name: p53 Rabbit pAb

Cat.No.: db9894

Synonyms: bbl; bfy; bhy; p44; p53; Tp53

Application: WB, ICC/IF, FC, IP

Reactivity : Mouse
Host species : Rabbit

Background 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. Mice deficient for this gene are developmentally normal but are susceptible to spontaneous tumors. Evidence to date shows that this gene contains one promoter, in contrast to alternative promoters of the human gene, and transcribes a few of splice variants which encode different isoforms, although the biological validity or the full-length nature of some variants has not been determined. [provided by

RefSeq, Jul 2008]

Immunogen Recombinant protein of mouse p53

Gene ID 22059

Swiss Prot P02340

Synonyms bbl; bfy; bhy; p44; p53; Tp53

Reactivity Mouse

Application WB, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

ICC/IF: 1:20

FC: 1:20 IP: 1:20

Calculated MW 44 kDa

Observed MW 53 kDa



For Research Use Only **Product Datasheet**

Host species Rabbit

Clonality Polyclonal

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.