







## p53 (DGR13917) Rabbit mAb

db11669 Package : 10μL 20μL 50μL 100μL

Product Name: p53 (DGR13917) Rabbit mAb

Cat.No.: db11669

**Synonyms**: P53; BCC7; LFS1; TRP53 **Application**: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human

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** A synthetic peptide of human p53

**Gene ID** 7157

Swiss Prot P04637

**Synonyms** P53; BCC7; LFS1; TRP53

Reactivity Human

**Application** WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:50 ICC/IF: 1:100

FC: 1:200-1:2000

IP: 1:20

Calculated MW 44 kDa





Observed MW 53 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR13917

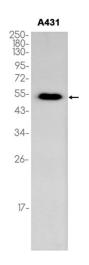
**Isotype** IgG

**Purity** Affinity Purification

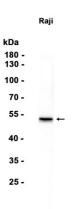
Conjugation Un-conjugated

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.



Western blot analysis of extracts from A431 cells using db11669 at 1:1000.



Western blot analysis of extracts from Raji cells using db11669 at 1:1000.