

Recombinant

DGRmAb®

## p53 (DGR11599) Rabbit mAb

db12023

Package : 10µL 20µL 50µL 100µL

**Product Name** : p53 (DGR11599) Rabbit mAb**Cat.No.:** db12023**Synonyms** : P53; BCC7; LFS1; TRP53**Application** : WB, ICC/IF**Reactivity** : Human**Host species** : Rabbit**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). [provided by RefSeq, Dec 2016]

**Immunogen**

Recombinant protein of human p53

**Gene ID**

7157

**Swiss Prot**

P04637

**Synonyms**

P53; BCC7; LFS1; TRP53

**Reactivity**

Human

**Application**

WB, ICC/IF

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:200-1:500

**Calculated MW**

44 kDa

**Observed MW**

53 kDa

**Host species**

Rabbit

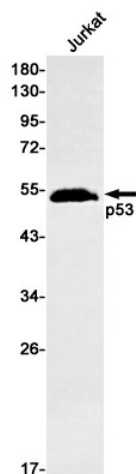
**Clonality**

Monoclonal

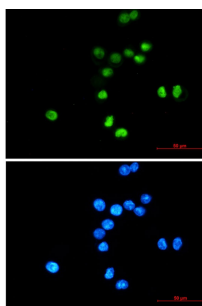
**Clonality No.**

DGR11599

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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 detection of p53 in Jurkat cell lysates using p53 antibody(1:500 diluted).



Immunofluorescent analysis of MCF-7 cells using db12023 antibody (green), and DAPI (blue).