



Recombinant

DGRmAb<sup>®</sup>

## Acetyl-p53 (Lys370) (DGR19372) Rabbit mAb

db11223 Package : 10μL 20μL 50μL 100μL

Product Name: Acetyl-p53 (Lys370) (DGR19372) Rabbit mAb

Cat.No.: db11223

Synonyms: P53; BCC7; LFS1; TRP53

**Application:** WB, ICC/IF, FC, IP **Reactivity:** Human, Mouse, Rat

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** A synthetic acetyl-peptide corresponding to residues surrounding Lys370 of human p53

Gene ID 7157

Swiss Prot P04637

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

Reactivity Human.Mouse.Rat

**Application** WB, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

ICC/IF: 1:200-1:500 FC: 1:100-1:200

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IP: 1:100

Calculated MW 44 kDa

**Observed MW** 53 kDa

Host species Rabbit





**Clonality** Monoclonal

Clonality No. DGR19372

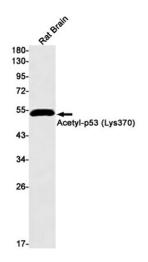
**Isotype** IgG

**Purity** Affinity Purification

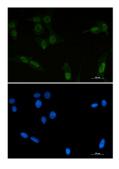
**Conjugation** Un-conjugated

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 detection of Acetyl-p53 (Lys370) in Rat Brain lysates using Acetyl-p53 (Lys370) antibody(1:1000 diluted).



Immunofluorescent analysis of 3T3 cells using db11223 antibody (green), and DAPI (blue).