

Recombinant

DGRmAb®

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
 IP: 1:100

Calculated MW

44 kDa

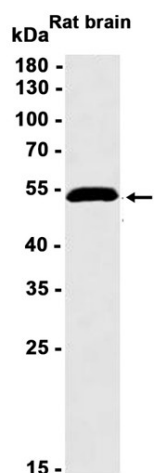
Observed MW

53 kDa

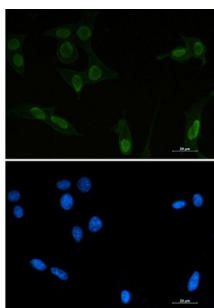
Host species

Rabbit

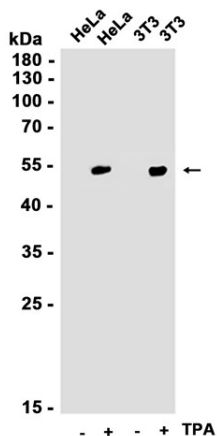
Clonality	Monoclonal
Clonality No.	DGR19372
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Rat brain tissue using db11223 at 1:1000.



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



Western blot analysis of extracts from various cell lines, untreated (-) or treated (+) with TPA, using db11223 at 1000.