

Recombinant

DGRmAb®

## Phospho-p53 (Ser46) (DGR13692) Rabbit mAb

db14012

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-p53 (Ser46) (DGR13692) Rabbit mAb**Cat.No.:** db14012**Synonyms** : P53; BCC7; LFS1; TRP53**Application** : WB, IHC-P, ICC/IF, IP**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**

A synthetic phosphopeptide corresponding to residues surrounding Ser46 of human p53

**Gene ID**

7157

**Swiss Prot**

P04637

**Synonyms**

P53; BCC7; LFS1; TRP53

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, IP

**Recommended dilution**

WB: 1:1000  
IHC-P: 1:100-1:200  
ICC/IF: 1:200-1:500  
IP: 1:20-1:50

**Calculated MW**

44 kDa

**Observed MW**

53 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR13692
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.