Recombinant DGRmAb®

# Phospho-p53 (Ser392) (DGR11144) Rabbit mAb

**db14129** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Phospho-p53 (Ser392) (DGR11144) Rabbit mAb
**Cat.No.:** db14129
**Synonyms :** P53; BCC7; LFS1; TRP53
**Application :** WB, IHC-P
**Reactivity :** Human
**Host species :** Rabbit

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|---|---|
| **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 Ser392 of human p53 |
| **Gene ID** | 7157 |
| **Swiss Prot** | P04637 |
| **Synonyms** | P53; BCC7; LFS1; TRP53 |
| **Reactivity** | Human |
| **Application** | WB, IHC-P |
| **Recommended dilution** | WB: 1:1000-1:5000<br>IHC-P: 1:100-1:200 |
| **Calculated MW** | 44 kDa |
| **Observed MW** | 53 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR11144 |

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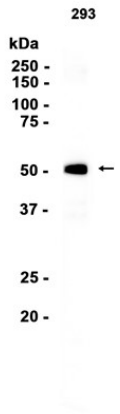
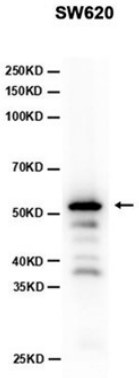
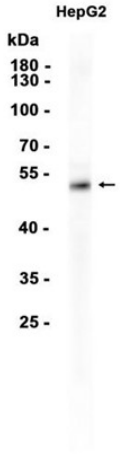
|---|---|
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from 293 cells using db14129 at 1:1000.




Western blot analysis of extracts from SW620 cells using db14129 at 1:1000.




Western blot analysis of extracts from HepG2 cells using db14129 at 1:1000.