Recombinant DGRmAb®

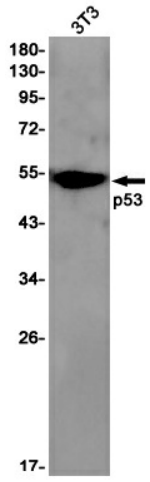
p53 (DGR21005) Rabbit mAb

db14679 **Package : 10μL 20μL 50μL 100μL**

Product Name : p53 (DGR21005) Rabbit mAb
Cat.No.: db14679
Synonyms : bbl; bfy; bhy; p44; p53; Tp53
Application : WB, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

Background	This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. p53 protein is expressed at low level in normal cells and at a high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mice deficient for this gene are developmentally normal but are susceptible to spontaneous tumors. Evidence to date shows that this gene contains one promoter, in contrast to alternative promoters of the human gene, and transcribes a few of splice variants which encode different isoforms, although the biological validity or the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of mouse p53
Gene ID	22059
Swiss Prot	P02340
Synonyms	bbl; bfy; bhy; p44; p53; Tp53
Reactivity	Mouse
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:100 FC: 1:50-1:100 IP: 1:20-1:50
Calculated MW	44 kDa

Observed MW	53 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR21005
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 p53 in 3T3 cell lysates using p53 antibody(1:1000 diluted).