

Recombinant

DGRmAb®

53BP1 (DGR14147) Rabbit mAb

db15410

Package : 10µL 20µL 50µL 100µL

Product Name : 53BP1 (DGR14147) Rabbit mAb**Cat.No.:** db15410**Synonyms** : TP53; p202; 53BP1; TDRD30; p53BP1**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a protein that functions in the DNA double-strand break repair pathway choice, promoting non-homologous end joining (NHEJ) pathways, and limiting homologous recombination. This protein plays multiple roles in the DNA damage response, including promoting checkpoint signaling following DNA damage, acting as a scaffold for recruitment of DNA damage response proteins to damaged chromatin, and promoting NHEJ pathways by limiting end resection following a double-strand break. These roles are also important during V(D)J recombination, class switch recombination and at unprotected telomeres. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2017]

Immunogen

A synthetic peptide of human 53BP1

Gene ID

7158

Swiss Prot

Q12888

Synonyms

TP53; p202; 53BP1; TDRD30; p53BP1

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Recommended dilution

WB: 1:1000

IHC: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:20

Calculated MW

214 kDa

Observed MW

450 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR14147
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 HeLa cells using db15410 at 1:1000.