

Recombinant

DGRmAb®

53BP1 (DGR20780) Rabbit mAb (PBS Only)

db14226-PBS

Package : 100µg

Product Name : 53BP1 (DGR20780) Rabbit mAb (PBS Only)**Cat.No.:** db14226-PBS**Synonyms :** TP53; p202; 53BP1; TDRD30; p53BP1**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human**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

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:5000-1:50000

IHC-P: 1:50-1:100

ICC/IF: 1:100-1:200

Calculated MW

214 kDa

Observed MW

450 kDa

Host species

Rabbit

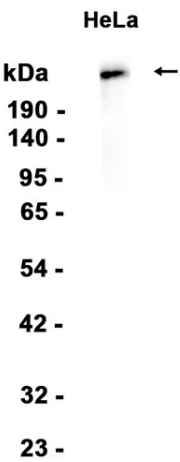
Clonality

Monoclonal

Clonality No.

DGR20780

| | |
|-------------------|---|
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Concentration | 1 mg/ml |
| Formulation | PBS Only |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



Western blot analysis of extracts from HeLa cells using [db14226](#)