

**Recombinant****DGRmAb®****PARP1 (DGR14196) Rabbit mAb (PBS Only)****db11121-PBS****Package : 100µg****Product Name :** PARP1 (DGR14196) Rabbit mAb (PBS Only)**Cat.No.:** db11121-PBS**Synonyms :** PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosylation). The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human PARP1

**Gene ID**

142

**Swiss Prot**

P09874

**Synonyms**

PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Calculated MW**

113 kDa

**Observed MW**

116,89 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14196

**Isotype**

IgG

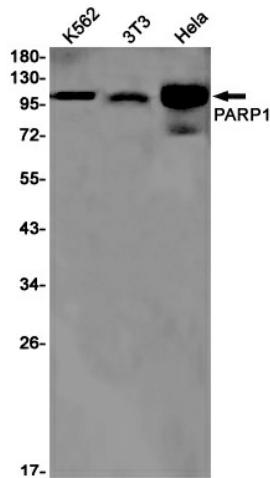
**Purity**

Affinity Purification

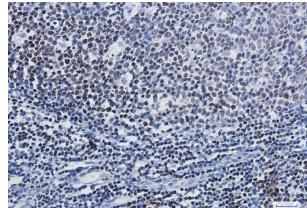
**Conjugation**

Un-conjugated

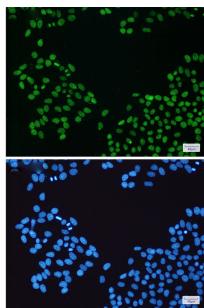
|                          |   |
|--------------------------|---|
| <b>Concentration</b>     | 1 mg/mL   |
| <b>Formulation</b>       | PBS Only  |
| <b>Storage Stability</b> | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



Western blot detection of PARP1 in K562,3T3,HeLa cell lysates using PARP1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using [db11121](#) antibody.



Immunofluorescent analysis of HeLa cells using [db11121](#) antibody (green), and DAPI (blue).