

Recombinant

DGRmAb®

**PARP1 (DGR14196) Rabbit mAb**

db11121

Package : 10µL 20µL 50µL 100µL

**Product Name** : PARP1 (DGR14196) Rabbit mAb**Cat.No.:** db11121**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-ribosyl)ation. 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

**Recommended dilution**WB: 1:1000  
IHC-P: 1:200-1:1000  
ICC/IF: 1:200-1:500**Calculated MW**

113 kDa

**Observed MW**

116,89 kDa

**Host species**

Rabbit

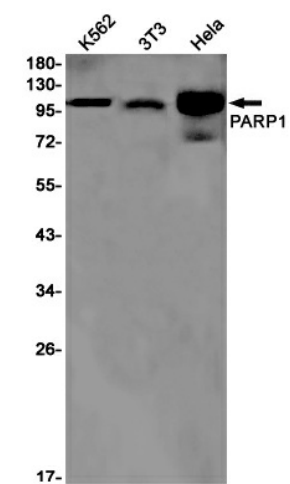
**Clonality**

Monoclonal

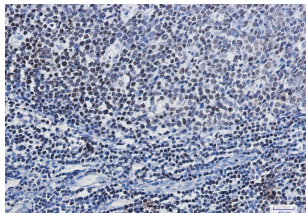
**Clonality No.**

DGR14196

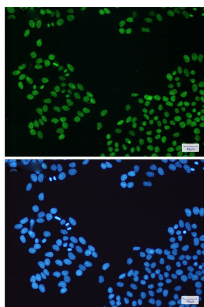
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of 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).