

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-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

Calculated MW

113 kDa

Observed MW

116,89 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14196

Isotype

IgG

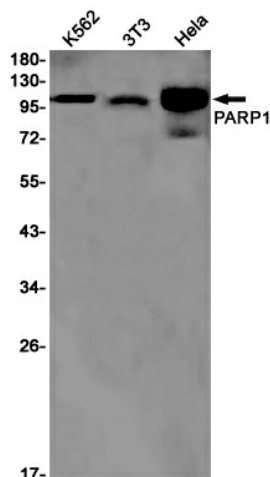
Purity

Affinity Purification

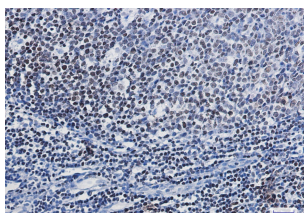
Conjugation

Un-conjugated

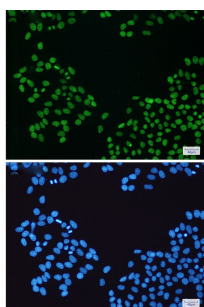
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot 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).