

A Reliable Research Partner in Life Science and Medicine

## **PARP-1/PARP Monoclonal Antibody**

catalog number: AN200038P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Description**

Reactivity Human

Immunogen Recombinant Human PARP-1 / PARP protein

HostMouseIsotypeIgG1CloneA882PurificationProtein A

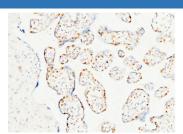
Buffer 0.2 µm filtered solution in PBS

## Applications Recommended Dilution

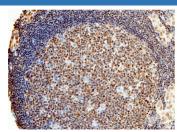
**WB** 1:500-1:1000 **IHC-P** 1:100-1:500

 ${\bf IP}$  0.2-1  ${\bf \mu L/mg}$  of lysate

#### Data



Immunohistochemistry of paraffin-embedded human placenta using PARP-1 / PARP Monoclonal Antibody at dilution of 1:300



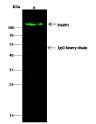
Immunohistochemistry of paraffin-embedded human lymph node using PARP-1 / PARP Monoclonal Antibody at dilution of 1:300

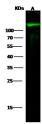


Immunohistochemistry of paraffin-embedded human breast using PARP-1 / PARP Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded human brain using PARP-1 / PARP Monoclonal Antibody at dilution of 1:300.





## For Research Use Only

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Rev. V1.2

# **Elabscience®**

### Elabscience Bionovation Inc.

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Immunoprecipitation analysis using 0.5 µL anti-PARP1 mouse Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using PARP1 mouse Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg Jurkat Whole

Calculated-MW:113 kDa

Cell Lysate
Observed-MW:113 kDa

Western Blot with PARP-1 / PARP Monoclonal Antibody at dilution of 1:500. Lane A: Jurkat Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:113 kDa Calculated-MW:113 kDa

### **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping lce bag

## **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.

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