



A Reliable Research Partner in Life Science and Medicine

# **PARP-1 Monoclonal Antibody**

catalog number: AN200039P

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

### Description

Reactivity Human

Immunogen A synthetic peptide corresponding to the center region of the Human PARP-1

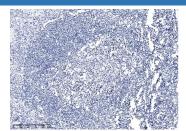
Host Mouse
Isotype IgG2a
Clone A883
Purification Protein A

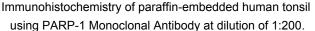
Buffer 0.2 µm filtered solution in PBS

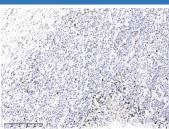
Applications Recommended Dilution

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

#### Data







Immunohistochemistry of paraffin-embedded human colon carcinoma using PARP-1 Monoclonal Antibody at dilution of 1:200.

## **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 Ice 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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