

PARP1 Mouse mAb

Catalog No.: A18303

Basic Information

Observed MW

89kDa/130kDa

Calculated MW

113kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

AMC0216

Recommended Dilutions

WB 1:500 - 1:2000

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.

Immunogen Information

Gene ID

142

Swiss Prot

P09874

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 662-1014 of human PARP1 (NP_001609.2)

Synonyms

PARP; PARS; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1; Poly-PARP; PARP1

Contact

 | www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG2a, Kappa

Purification

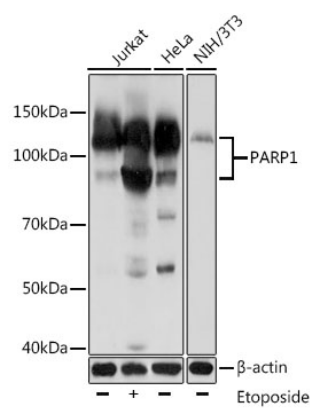
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using PARP1 Mouse mAb (A18303) at 1:1000 dilution. Jurkat cells were treated by Etoposide (25 μ M) at 37°C for 5 hours.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.