Anti-PARP Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016248

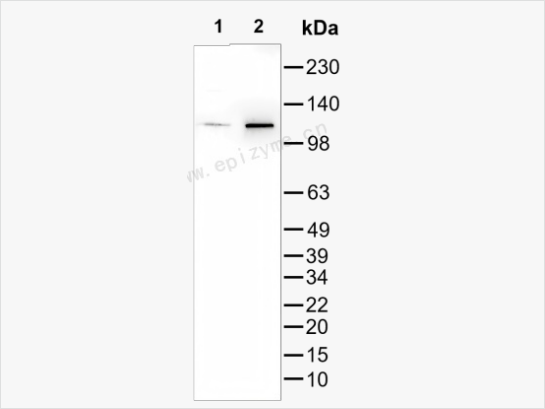
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	26Q40C19
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein corresponding to Human PARP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PARP Mouse mAb [26Q40C19] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADPRT; PPOL; PARP1; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; DNA ADP-ribosyltransferase PARP1; NAD(+) ADP-ribosyltransferase 1; Poly[ADP-ribose] synthase 1; Protein poly-ADP-ribosyltransferase PARP1; ARTD1; ADPRT.
Calculated MW	Calculated MW: 113 kDa; Observed MW: 113 kDa
Uniprot ID	P09874
Gene ID	142
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]
Cellular Location	Chromosome; Nucleus; Nucleus, nucleolus; Cytoplasm, cytosol; Chromosome; Cytoplasm

Validation Images



Western Blot - Anti-PARP Mouse mAb [26Q40C19]
All lanes: M016248 at 1:2,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: 293T (Human embryonic kidney cell) whole cell lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 113 kDa
Observed band size: 113 kDa
Developed using the ECL technique (Cat. No. SQ201).