

Summary

Production Name	PARP Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	PARP
Alternative Names	PARP; PPOL; ADPRT; ADPRT1; PARP-1; pADPRT-1; PARP1
Gene ID	142.0
SwissProt ID	P09874.Synthetic peptide of human PARP, conjugated to KLH.

Application

Dilution Ratio	WB:1:500-1:2000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	117kDa

Background

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins

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Catalog #: AMM80824

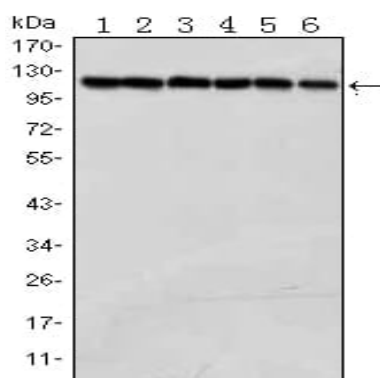


by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes.

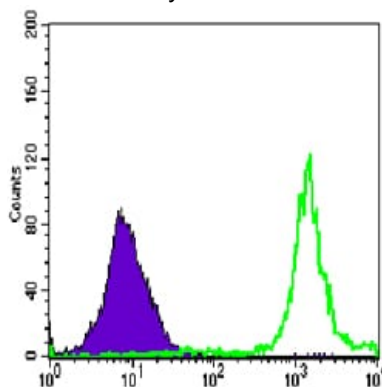
Research Area

Apoptosis

Image Data



Western blot analysis using PARP mouse mAb against Jurkat (1), K562 (2), Hela (3), Raji (4), THP-1 (5) and SW620 (6) cell lysate.



Flow cytometric analysis of Jurkat cells using anti-PARP mAb (green) and negative control (purple).

Note

For research use only.