

Product Name: PARP1 (10C2) Mouse Monoclonal Antibody
Catalog #: AMM03588

Summary

Production Name	PARP1 (10C2) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	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	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Immunogen

Gene Name	PARP1 PARP1; ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase
Alternative Names	diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1
Gene ID	142
SwissProt ID	P09874.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 113 kDa; Observed MW: 116 kDa

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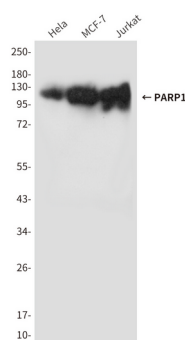
Background

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.

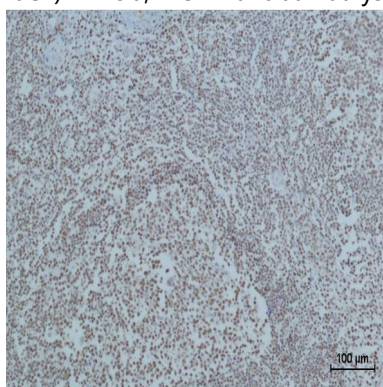
Research Area

Epigenetics and Nuclear Signaling

Image Data

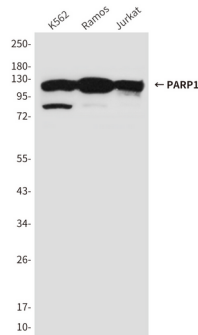


Western blot analysis of PARP1 (10C2) in Hela, MCF-7 and Jurkat lysates using PARP (10C2) antibody.

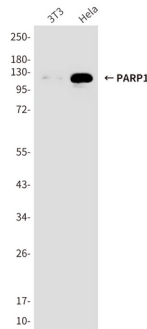


Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using Cleaved PARP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Western blot analysis of PARP1 (10C2) in K562, Ramos, Jurkat lysates using PARP (1C2) antibody.



Western blot analysis of PARP1 (10C2) in 3T3, HeLa lysates using PARP1 (10C2) antibody

Note

For research use only.