PARP1 (10C2) MOUSE MAB

Cat.#: N261250

Product Name: Anti-PARP1 (10C2) Mouse Monoclonal Antibody

Synonyms: PARP1; ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1

UNIPROT ID: P09874

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.

Immunogen: Synthetic Peptide of Cleaved PARP

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 10C2-1A2-8F8

MW: Calculated MW: 113 kDa; Observed MW: 116 kDa

Isotype: IgG1

Purification: Ascitic Fluid
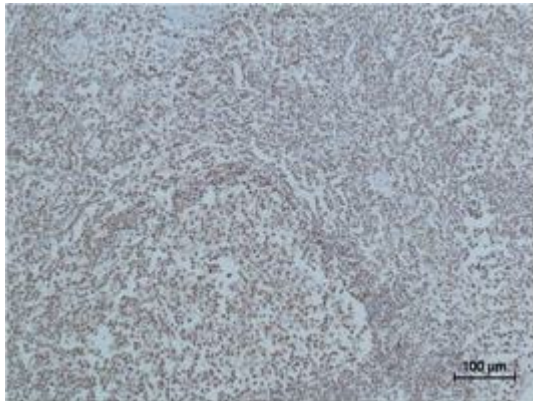
Species Reactivity: Human,Mouse,Rat

**Conjugation:** Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20ºC. Avoid repeated freezing and thawing

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.
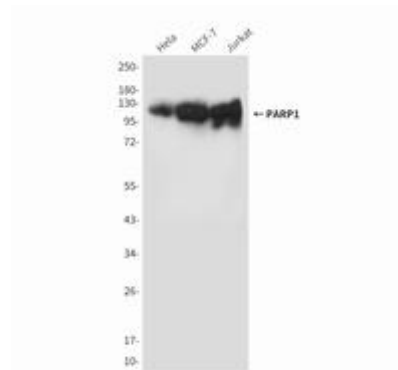
Western blot analysis of PARP1 (10C2) in Hela, MCF-7 and Jurkat lysates using PARP (10C2) antibody.
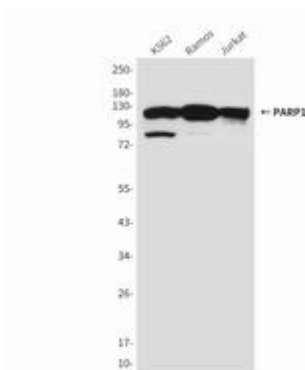
Western blot analysis of PARP1 (10C2) in K562, Ramos, Jurkat lysates using PARP (1C2) antibody.
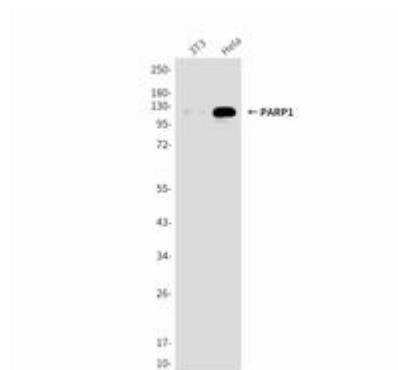
Western blot analysis of PARP1 (10C2) in 3T3, Hela lysates using PARP1 (10C2) antibody