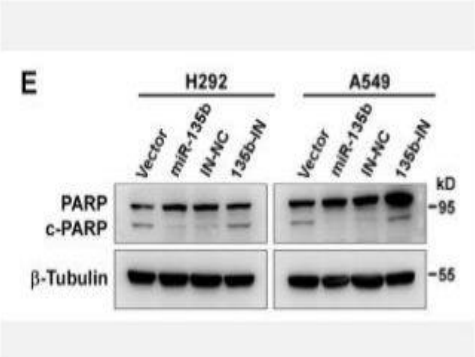
PRODUCT DATA SHEET

Cleaved PARP Monoclonal Antibody(M4)

Catalog No.	IMB0092
Reactivity	Human
Applications	WB
Gene Name	PARP1
Protein Name	Poly [ADP-ribose] polymerase 1
Human Gene Id	142
Swiss-Prot	P09874
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000-3000
PurIF:ication	The antibody was affinity-purIF:ied from mouse ascites by affinity-chromatography using specIF:ic immunogen.
Concentration	-
Storage&Stability	-20°C/1 year
Background	This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modIF:ies various nuclear proteins by poly(ADP-ribosyl)ation. The modIF:ication is dependent on DNA and is involved in the regulation of various important cellular processes such as dIF:ferentiation, prolIF:eration, 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],
Subcellular Location.	Nucleus. Nucleus, nucleolus. Chromosome. Localizes to sites of DNA damage.
BiowMW	-

Products Images:



Zhao, J., Wang, X., Mi, Z. et al. STAT3/miR-135b/NF-κB axis confers aggressiveness and unfavorable prognosis in non-small-cell lung cancer. Cell Death Dis 12, 493 (2021).

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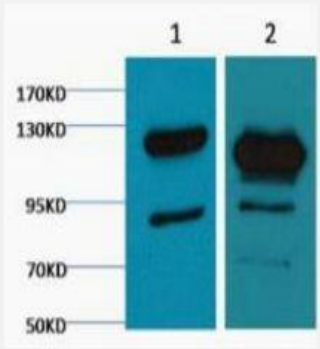

Western blot analysis of 1) Jurkat, 2) Hela, diluted at 1:2000. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).