

Product datasheet for **AM06413SU-N**

PARP1 Mouse Monoclonal Antibody [Clone ID: 7A10]

Product data:

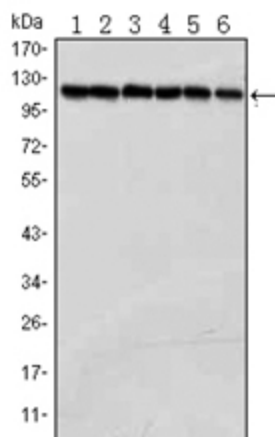
Product Type:	Primary Antibodies
Clone Name:	7A10
Applications:	ELISA, FC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Flow Cytometry: 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide of human PARP, conjugated to KLH.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	117 kDa
Gene Name:	poly(ADP-ribose) polymerase 1
Database Link:	Entrez Gene 142 Human P09874
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.



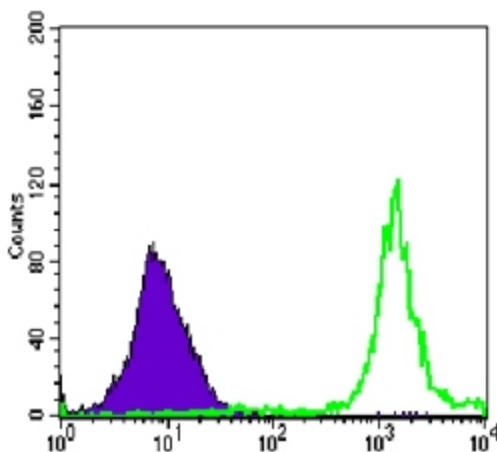
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Synonyms: PARP-1, ADPRT, ADPRT 1, PPOL

Product images:



Western blot analysis using PARP antibody Cat.-No AM06413SU-N against Jurkat (Lane 1), K562 (Lane 2), HeLa (Lane 3), Raji (Lane 4), THP-1 (Lane 5) and SW620 (Lane 6) cell lysate.



Flow cytometric analysis of Jurkat cells using anti-PARP antibody Cat.-No AM06413SU-N (green) and negative control (purple).