

Mouse Monoclonal Antibody to PARP

Catalogue Number	sAP-0369
Target Molecule	Name: PARP Aliases: PARP; PPOL; ADPRT; ADPRT1; PARP-1; pADPRT-1; PARP1 MW: 117kDa Entrez Gene ID: 142
Description	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.
Immunogen	Synthetic peptide of human PARP, conjugated to KLH.
Recombinant Species	Human
Clone	MM7A10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cytogenet Cell Genet. 1992;61(3):172-4. ; 2. J Immunol. 1997 Dec 1;159(11):5246-52. ; 3. J Biol Chem. 2001 Dec 7;276(49):45588-97.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**