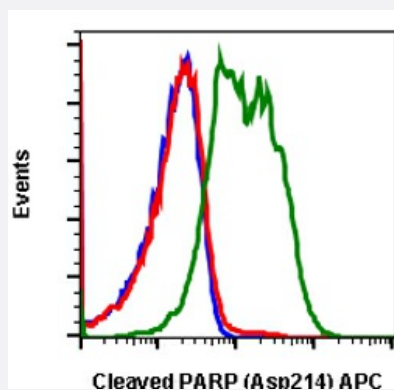


RecomAb™

PARP1 recombinant monoclonal antibody, clone PARP-H8 (APC)

Catalog # RAB03036 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of SK.N.MC cells unstained and untreated as negative control (blue) or stained untreated (red) or treated with staurosporine (green) using Cleaved PARP (Asp214) antibody PARP-H8 APC conjugate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PARP1.
Antibody Species	Rabbit
Immunogen	A synthetic peptide corresponding to residues surrounding Asp214 of human PARP
Reactivity	Human
Form	Liquid
Conjugation	APC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA

Storage Instruction

Store at 4°C. Do not freeze.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of SK.N.MC cells unstained and untreated as negative control (blue) or stained untreated (red) or treated with staurosporine (green) using Cleaved PARP (Asp214) antibody PARP-H8 APC conjugate.

Gene Info — PARP1

Entrez GeneID[142](#)**Protein Accession#**[P09874](#)**Gene Name**

PARP1

Gene Alias

ADPRT, ADPRT1, PARP, PARP-1, PPOL, pADPRT-1

Gene Description

poly (ADP-ribose) polymerase 1

Omim ID[173870](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)|ADP-ribosyltransferase NAD(+)|OTTHUMP00000035663|poly (ADP-ribose) polymerase family, member 1|poly(ADP-ribose) polymerase|poly(ADP-ribose) synthetase|poly(ADP-ribosyl)transferase

Pathway

- [Base excision repair](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenomyoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Ataxia telangiectasia](#)
- [Brain Injuries](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Neuropathies](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Glioma](#)
- [Glomerulonephritis](#)
- [Graft vs Host Disease](#)
- [Helicobacter Infections](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meniere Disease](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [Micronuclei](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Neutropenia](#)
- [Otitis Media](#)
- [Ovarian cancer](#)

- [Ovarian Neoplasms](#)
- [Papillomavirus Infections](#)
- [Parkinson disease](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)