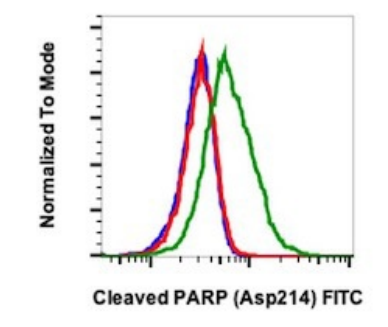
PARP1 (phospho D214) monoclonal antibody, clone H8 (FITC)

Catalog # MAB23492 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of SK-N-MC with PARP1 (phospho D214) monoclonal antibody, clone H8 (FITC) (Cat # MAB23492). Unstained and untreated as negative control (blue) or untreated (red) or treated with staurosporine (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human PARP1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding D214 of human PARP1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 4°C.

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

Applications

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Gene Info — PARP1

Entrez GeneID	142
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 modifie s various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and i s involved in the regulation of various important cellular processes such as differentiation, prolifera tion, and tumor transformation and also in the regulation of the molecular events involved in the rec overy of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi an emia, 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) poly merase|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