

PARP1 Monoklonaler Antikörper

Katalog-Nr.: CR-66520

Allgemeine Informationen

Katalog-Nr.: CR-66520	GenBank-Zugangsnummer: BC037545	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul, Konzentration: 0mg/mL von Nanodrop;	GeneID (NCBI): 142	CloneNo.: 1D7D4
Wirt: Maus	Vollständiger Name: poly (ADP-ribose) polymerase 1	Anregungs-/Emissionsmaxima- Wellenlängen: 592 nm / 611 nm
Isotyp: IgG1	Berechnete Masse: 1014 aa, 113 kDa	
Immunogen Katalognummer: AG19173	Beobachtete Masse: 113-116 kDa, 85-89 kDa	

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

PARP1 (poly(ADP-ribose) polymerase 1) is a nuclear enzyme catalyzing the poly(ADP-ribosyl)ation of many key proteins in vivo. The normal function of PARP1 is the routine repair of DNA damage. Activated by DNA strand breaks, the PARP1 is cleaved into an 85 to 89-kDa COOH-terminal fragment and a 24-kDa NH2-terminal peptide by caspases during the apoptotic process. The appearance of PARP fragments is commonly considered as an important biomarker of apoptosis. In addition to caspases, other proteases like calpains, cathepsins, granzymes and matrix metalloproteinases (MMPs) have also been reported to cleave PARP1 and gave rise to fragments ranging from 42-89-kDa. This antibody was generated against the N-terminal region of human PARP1 and it recognizes the full-length as well as the cleavage of the PARP1.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Cardinal Red™ Anti-Human PARP1 (CR-66520, Clone:1D7D4) (red), and the control used was, rabbit IgG Texas Red (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).