Nur für Forschungszwecke

PARP1 Monoklonaler Antikörper

Katalog-Nr.:CL594-66520

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
CL594-66520

Größe:
100ul , Konzentration: 1000 μg/ml von142 Nanodrop;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG19173

GenBank-Zugangsnummer:
BC037545

GeneID (NCBI):

Vollständiger Name:
poly (ADP-ribose) polymerase 1

Berechneté Masse:
1014 aa, 113 kDa

Beobachteté Masse:
113-116 kDa, 85-89 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
1D7D4

Empfohlene Verdünnungen:
IF 1:50-1:500

Anregungs-/Emissionsmaxima-Wellenlängen:
588 nm / 604 nm

Anwendungen

Geprüfte Anwendungen:
FC (Intra), IF

Getestete Reaktivität:
Human, Maus, Ratte

Positivkontrollen:

IF : HeLa-Zellen, Neuro-2a-Zellen

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-kD. 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.

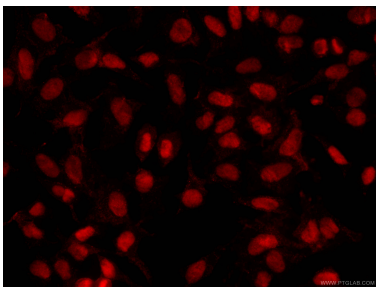
Lagerung

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

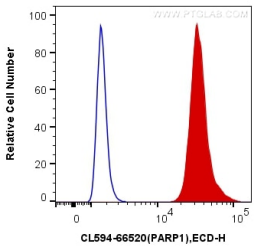
***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

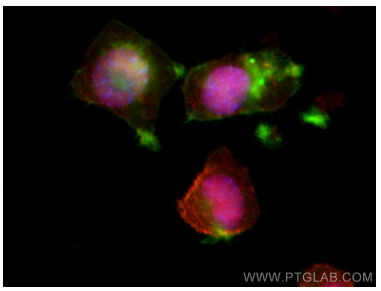
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL594-66520 (PARP1 antibody) at dilution of 1:100.



1X10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human PARP1 (CL594-66520, Clone:1D7D4) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using CoraLite®594 PARP1 antibody (CL594-66520, Clone: 1D7D4) at dilution of 1:2000, CL488-Phalloidin (green).