

Recombinant Cleaved PARP1 p85 Monoclonal Antibody

catalog number: **AN301495L**

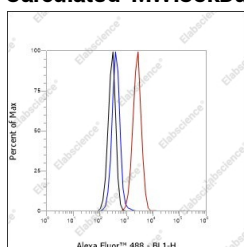
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Cleaved PARP1 p85 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C171118
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
WB	1:500-1:2000
IF	1:100-1:200
FCM	1:50-1:100
IP	1:50
Data	

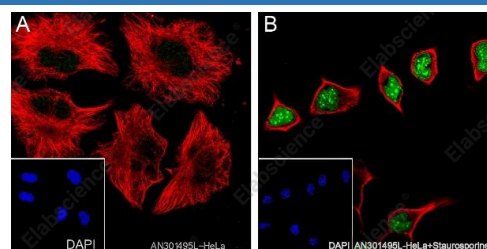


Western Blot with Cleaved PARP1 p85 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: Jurkat, Lane 3: EL4, Lane 4: PC-12

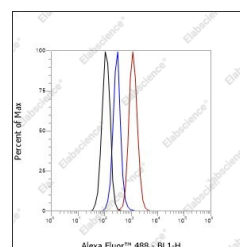
Observed-MW:89kDa
Calculated-MW:85kDa



Flow cytometric analysis of human Cleaved PARP1 p85 expression on HeLa cells. Cells were stained with purified anti-Human Cleaved PARP1 p85, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescent analysis of (100% methanol) fixed HeLa cells using anti-Cleaved PARP1 p85 Monoclonal Antibody at dilution of 1:200.



Flow cytometric analysis of human Cleaved PARP1 p85 expression on NIH/3T3 cells. Cells were stained with purified anti-Human Cleaved PARP1 p85, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

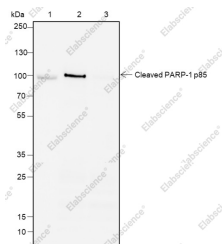
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Rev. V1.2



Immunoprecipitation analysis using anti-Cleaved PARP1 p85 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Cleaved PARP1 p85 Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: Cleaved PARP1 p85 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:89kDa

Calculated-MW:85kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping Ice bag

Background

Poly-ADP-ribosyltransferase that mediates poly-ADP-ribosylation of proteins and plays a key role in DNA repair. Mediates glutamate, aspartate, serine or tyrosine ADP-ribosylation of proteins: the ADP-D-ribosyl group of NAD⁺ is transferred to the acceptor carboxyl group of target residues and further ADP-ribosyl groups are transferred to the 2'-position of the terminal adenosine moiety, building up a polymer with an average chain length of 20-30 units. Serine ADP-ribosylation of proteins constitutes the primary form of ADP-ribosylation of proteins in response to DNA damage.

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