

Cleaved PARP1 Monoclonal Antibody

Catalog No. E-AB-22074

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

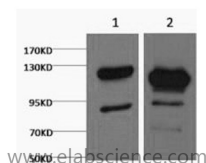
Description

Reactivity	Human
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone:4A3
Purification	Protein A purification
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB 1:1000-3000

Data



Western Blot analysis of 1) Jurkat, 2) HeLa cells using Cleaved PARP1 Monoclonal Antibody at dilution of 1:2000.

Observed Mw:116,89kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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