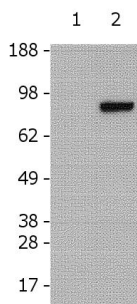


Anti-Human PARP1 (Cleaved) Purified

Catalog Number: 14-6668

Also known as: poly ADP-ribose polymerase

RUO: For Research Use Only. Not for use in diagnostic procedures.



Cell lysates prepared from Jurkat cells left untreated (lane 1) or treated for 2 hrs with staurosporine (lane 2) were immunoblotted with 0.1 ug/ml of the Anti-Human PARP1 (Cleaved) antibody. Bands were visualized using Anti-Mouse IgG HRP.

Product Information

Contents: Anti-Human PARP1 (Cleaved)
Purified



Catalog Number: 14-6668

Clone: HLNC4

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

Description

This HLNC4 monoclonal antibody reacts with human poly (ADP-ribose) polymerase (PARP1). This ubiquitous 116 kDa nuclear enzyme is involved in DNA repair. During apoptosis, active caspases -3, -6 and -7 cleave PARP1 after Asp214, thereby inactivating PARP1 and generating two apoptotic fragments sized 85 kDa and 25 kDa.

The HLNC4 antibody specifically recognizes the 85 kDa PARP1 fragment produced after cleavage and does not recognize the full-length 116 kDa protein. The following peptide was used as the immunogen: NH2-GVDEVAKKKSKKEKDC-COOH.

Applications Reported

This HLNC4 antibody has been reported for use in immunoblotting (WB).

Applications Tested

This HLNC4 antibody has been tested by immunoblotting of staurosporine-treated Jurkat cells. This can be used at less than or equal to 0.1 µg/ml. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)