

Product Datasheet

PARP Antibody (194C1439) - Cleaved - Azide and BSA Free NBP2-27335

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-27335

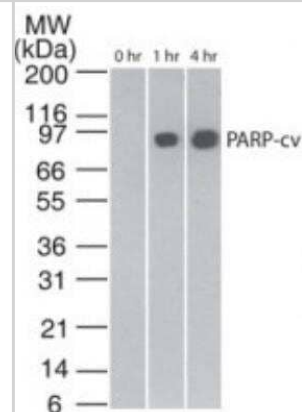
PARP Antibody (194C1439) - Cleaved - Azide and BSA Free

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 194C1439 |
| Preservative | No Preservative |
| Isotype | IgG2b Kappa |
| Purity | Protein G purified |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse PARP Antibody (194C1439) - Cleaved - Azide and BSA Free (NB100-56599) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. Anti-PARP Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 142 |
| Gene Symbol | PARP1 |
| Species | Human, Mouse, Rat (Negative) |
| Specificity/Sensitivity | This monoclonal antibody specifically detects a 89-kDa cleavage fragment containing the catalytic and auto modification domain. |
| Immunogen | This antibody was developed by immunizing mice with a synthetic peptide containing amino acids near 214/215-cleavage site of human PARP. |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |
| Recommended Dilutions | Western Blot 1-2ug/ml~. Use reported in scientific literature (PMID 27470599), Flow Cytometry 1ul/1 million cells, Immunocytochemistry/ Immunofluorescence 2-5 ug/ml, CyTOF-ready |
| Application Notes | This antibody is CyTOF ready. |

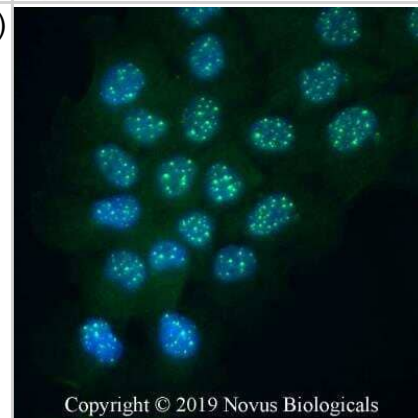


Images

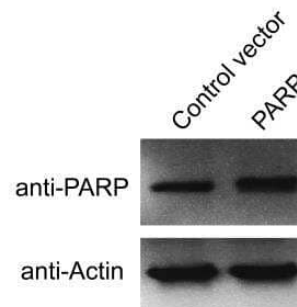
Western Blot: PARP Antibody (194C1439) - (Azide Free), Cleaved [NBP2-27335] - Analysis of cleaved PARP in staurosporine-treated Jurkat cells at various time points, using this antibody. The band corresponding to cleaved PARP is only seen in the treated samples. Anti-mouse Ig HRP conjugate was used in this test.



Immunocytochemistry/Immunofluorescence: PARP Antibody (194C1439) - (Azide Free), Cleaved [NBP2-27335] - A431 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-PARP Antibody (194C1439) at 5 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Western Blot: PARP Antibody (194C1439) - (Azide Free), Cleaved [NBP2-27335] - Analysis using 293T lysates expressing PARP. Image from verified customer review.



Publications

Sevinc SK, Karadeniz M, Sen A et al. Apoptotic and antiproliferative effects of *Urtica dioica* L. extract on K562 chronic myeloid leukemia cell line Indian Journal of Experimental Biology 2023-11-01 (WB)

Kocyigit Sevinc S, Karadeniz M, Sen A et al. Biological Effects of *Urtica Dioica* Extract on K562 Chronic Myeloid Leukemia Cell Line SSRN Electronic Journal 2022-10-29 (WB, Human)

Erdogan S, Turkecul K Neferine inhibits proliferation and migration of human prostate cancer stem cells through p38 MAPK/JNK activation Food Biochem 2020-05-11 [PMID: 32394497] (WB, Human)

Details:

Citation using the Azide Free format of this antibody.

Mega Tiber P, Kocyigit Sevinc S, Kilinc O, Orun O Biological effects of whole *Z.Officinale* extract on chronic myeloid leukemia cell line K562. Gene. 2019-04-15 [PMID: 30684525] (WB, Human)

Details:

Citation using the Azide free version of this antibody.

Melao A, Spit M, Cardoso BA, Barata JT Optimal interleukin-7 receptor-mediated signaling, cell cycle progression and viability of T-cell acute lymphoblastic leukemia cells rely on casein kinase 2 activity. Haematologica. 2016-11-01 [PMID: 27470599] (WB)

Details:

Citation using the Azide Free version of this antibody.

Kamal A, Sreekanth K, Kumar PP et al. Synthesis and potential cytotoxic activity of new phenanthrylphenol-pyrrolobenzodiazepines. Eur J Med Chem. 2010-06-01 [PMID: 20171761]

Details:

Products cited for western blot: 1. PARP (IMG-401A): MCF-7 cells treated with numerous compounds, Fig 7. 2. B-Tubulin (IMG-5180A): MCF-7 cells treated with PP-PBDs, Fig 6 and Fig 7. 3. Cytochrome C (IMG-101A): MCF-7 cells treated with numerous compounds,

Chen YC, Shen SC, Lin HY. Rutinoside at C7 attenuates the apoptosis-inducing activity of flavonoids. Biochem Pharmacol. 2003-10-01 [PMID: 14505793]

Ko CH, Shen SC, Chen YC. Hydroxylation at C4' or C6 is essential for apoptosis-inducing activity of flavanone through activation of the caspase-3 cascade and production of reactive oxygen species. Free Radic Biol Med. 2004-04-01 [PMID: 15019974]

Chen YC, Shen SC, Lee WR et al. Emodin induces apoptosis in human promyeloleukemic HL-60 cells accompanied by activation of caspase 3 cascade but independent of reactive oxygen species production. Biochem Pharmacol. 2002-12-15 [PMID: 12445860]





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Products Related to NBP2-27335

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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