

Product Datasheet

PCNA Antibody (A6-G11-R)

NBP3-32725

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32725

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-32725



NBP3-32725

PCNA Antibody (A6-G11-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A6-G11-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	29 kDa

Product Description	
Description	Novus Biologicals Mouse PCNA Antibody (A6-G11-R) (NBP3-32725) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5111
Gene Symbol	PCNA
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human PCNA aa 1-261. (Uniprot: P12004)

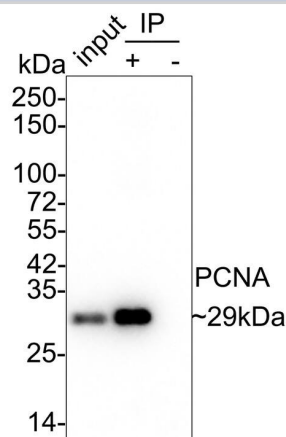
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 1-2ug/sample, Immunohistochemistry-Paraffin 1:2000

Images

Immunoprecipitation: PCNA Antibody (A6-G11-R) [NBP3-32725] - PCNA was immunoprecipitated from 0.2 mg HeLa cell lysate with NBP3-32725 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-32725 at 1/10,000 dilution. Anti-Mouse IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

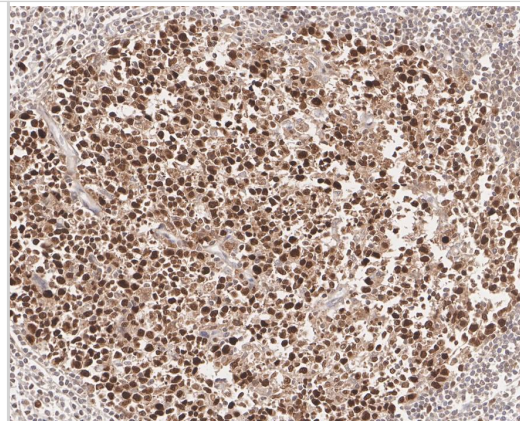
Lane 1: HeLa cell lysate (input)
 Lane 2: NBP3-32725 IP in HeLa cell lysate
 Lane 3: Mouse IgG instead of NBP3-32725 in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
 Exposure time: 24 seconds; ECL



Immunohistochemistry: PCNA Antibody (A6-G11-R) [NBP3-32725] - Immunohistochemical analysis of paraffin-embedded human lymph node tissue with Mouse anti-PCNA antibody (NBP3-32725) at 1/2,000 dilution.

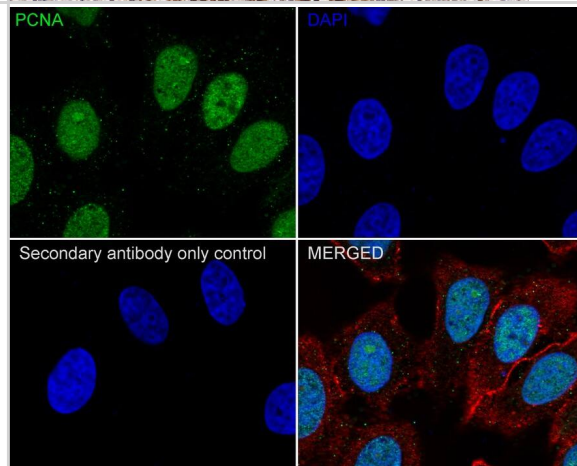
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32725) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: PCNA Antibody (A6-G11-R) [NBP3-32725] - Immunocytochemistry analysis of HeLa cells labeling PCNA with Mouse anti-PCNA antibody (NBP3-32725) at 1/100 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-PCNA antibody (NBP3-32725) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.



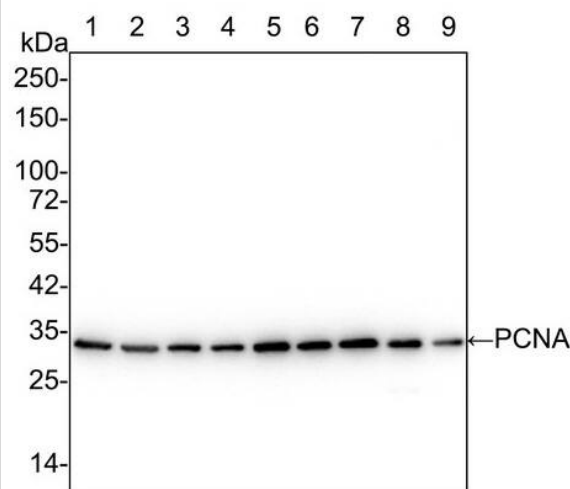
Western Blot: PCNA Antibody (A6-G11-R) [NBP3-32725] - Western blot analysis of PCNA on different lysates with Mouse anti-PCNA antibody (NBP3-32725) at 1/20,000 dilution.

Lane 1: HeLa cell lysate (15 µg/Lane)
 Lane 2: HEK-293 cell lysate (15 µg/Lane)
 Lane 3: HCT 116 cell lysate (15 µg/Lane)
 Lane 4: K-562 cell lysate (15 µg/Lane)
 Lane 5: RAW264.7 cell lysate (15 µg/Lane)
 Lane 6: C2C12 cell lysate (15 µg/Lane)
 Lane 7: L6 cell lysate (15 µg/Lane)
 Lane 8: Mouse spleen tissue lysate (15 µg/Lane)
 Lane 9: Rat spleen tissue lysate (15 µg/Lane)

Predicted band size: 29 kDa
 Observed band size: 34 kDa

Exposure time: 11 seconds; ECL;
 4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody at 1/20,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-32725

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-32725

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

