

Product Datasheet

ATR [p Thr1989] Antibody (222) - Azide and BSA Free NBP2-43564

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-43564

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/NBP2-43564



NBP2-43564

ATR [p Thr1989] Antibody (222) - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	222
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, 20% Glycerol (pH7)
Target Molecular Weight	301 kDa

Product Description

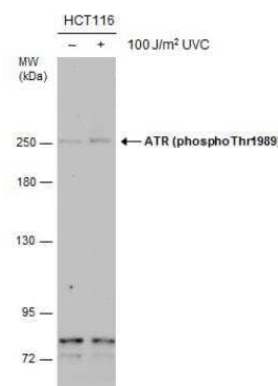
Description	Novus Biologicals Mouse ATR [p Thr1989] Antibody (222) - Azide and BSA Free (NBP2-43564) is a monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	545
Gene Symbol	ATR
Species	Human
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Thr1989 of human ATR. The exact sequence is proprietary.

Product Application Details

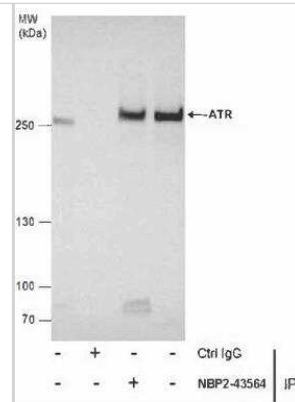
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500

Images

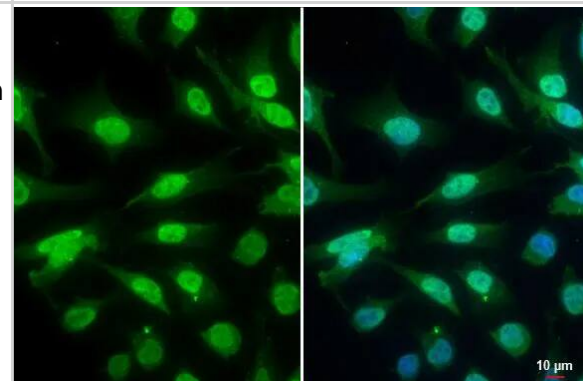
Western Blot: ATR [p Thr1989] Antibody (222) [NBP2-43564] - Untreated (-) and treated (+) HCT116 whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR (phospho Thr1989) antibody [222]. The signal was developed with Trident ECL plus-Enhanced.



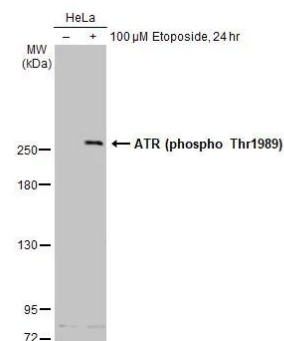
Immunoprecipitation: ATR [p Thr1989] Antibody (222) [NBP2-43564] - Analysis of ATR protein from HCT-116 whole cell extracts using 5 ug of ATR antibody or ATR antibody. Western blot analysis was performed using ATR antibody. EasyBlot anti-Mouse IgG was used as a secondary reagent.



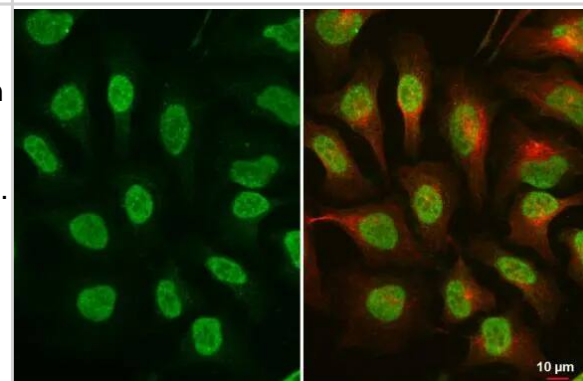
Immunocytochemistry/ Immunofluorescence: ATR [p Thr1989] Antibody (222) [NBP2-43564] - ATR antibody [GT222] detects ATR protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATR stained by ATR antibody [GT222] (NBP2-43564) diluted at 1:500. Blue: Fluoroshield with DAPI .



Western Blot: ATR [p Thr1989] Antibody (222) [NBP2-43564] - Untreated (-) and treated (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR antibody [GT222] (NBP2-43564) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Immunocytochemistry/ Immunofluorescence: ATR [p Thr1989] Antibody (222) [NBP2-43564] - ATR antibody [GT222] detects ATR protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATR stained by ATR antibody [GT222] (NBP2-43564) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody diluted at 1:1000.





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 NBP2-43564

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-76547PEP	ATR Recombinant Protein Antigen

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/NBP2-43564

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

