

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.

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NBP2-43564

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

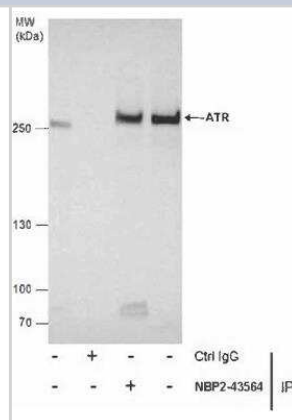
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	222
Preservative	No Preservative
Isotype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

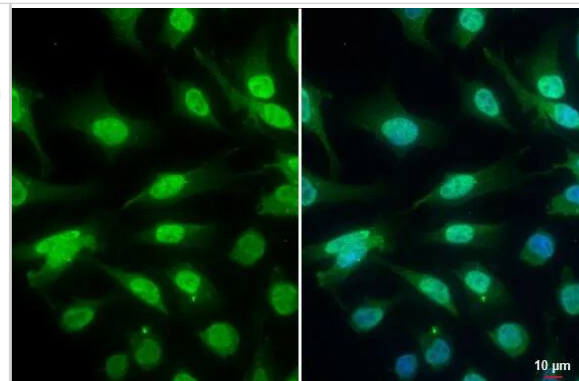
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500

Images

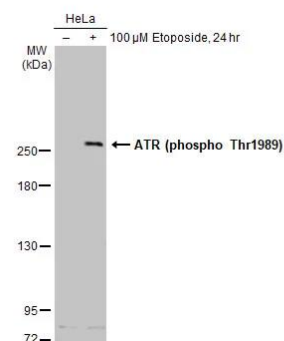
Immunoprecipitation: ATR [p Thr1989] Antibody (222) [NBP2-43564] - Analysis of ATR protein from HCT-116 whole cell extracts using 5 ug of ATR antibody or ATR antibody. Western blot analysis was performed using ATR antibody. EasyBlot anti-Mouse IgG was used as a secondary reagent.



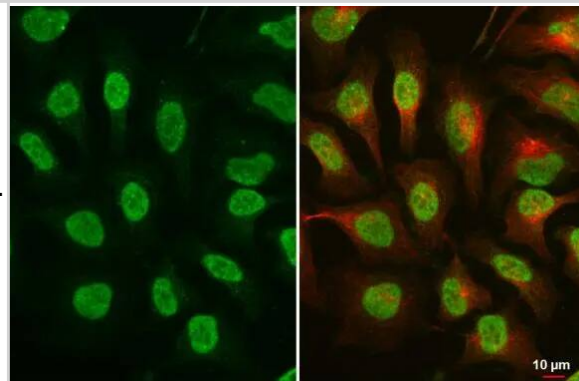
Immunocytochemistry/ Immunofluorescence: ATR [p Thr1989] Antibody (222) [NBP2-43564] - ATR antibody [GT222] detects ATR protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATR stained by ATR antibody [GT222] (NBP2-43564) diluted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



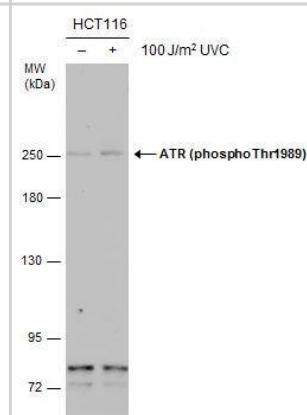
Western Blot: ATR [p Thr1989] Antibody (222) [NBP2-43564] - Untreated (-) and treated (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ATR antibody [GT222] (NBP2-43564) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect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



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 [GT222] (NBP2-43564) diluted at 1:500. The signal was developed with Trident ECL plus-Enhanced.





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Products Related to NBP2-43564

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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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