

ATR Monoclonal Antibody (2B5)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2B5
Conjugate	Unconjugated
Immunogen	Recombinant fragment, corresponding to amino acids 710-1100 of Human ATR.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_557667

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:500-1000	1 Publication
Miscellaneous PubMed (MISC)	-		1 Publication
Functional Assay (FN)	✓	Assay Dependent	
Immunocytochemistry (ICC)	✓	Assay-dependent	
Immunofluorescence (IF)	✓	Assay Dependent	
Immunoprecipitation (IP)	✓	Assay Dependent	

Product Specific Information

MA1-23158 detects ATR in Human samples.

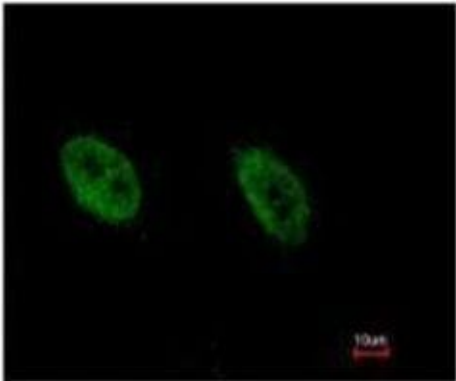
MA1-23158 has been successfully used in Functional assay, Immunoprecipitation, Immunofluorescence, and Western Blot procedures.

MA1-23158 immunogen corresponds to Recombinant fragment, corresponding to amino acids 710-1100 of Human ATR.

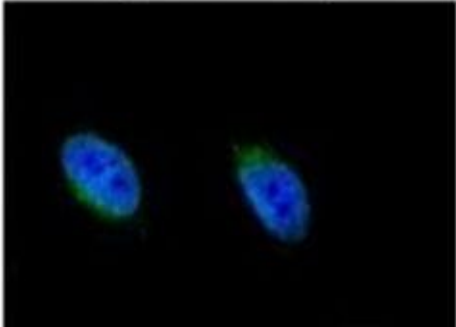
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial. For short-term storage (1-2 weeks), product can be stored at 4°C. For long-term storage, aliquot and store product at -20° C or below, avoiding multiple freeze-thaw cycles.

Product Images For ATR Monoclonal Antibody (2B5)

ATR Antibody (MA1-23158) in IF
Immunofluorescent analysis of ATR in HeLa cells using an ATR monoclonal antibody (Product # MA1-23158) at a 1:100 dilution.

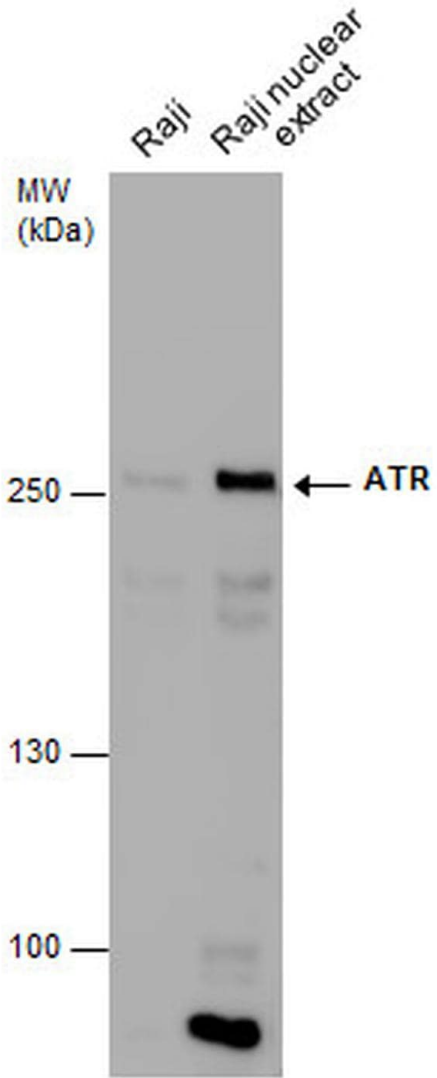


Merged with DNA probe



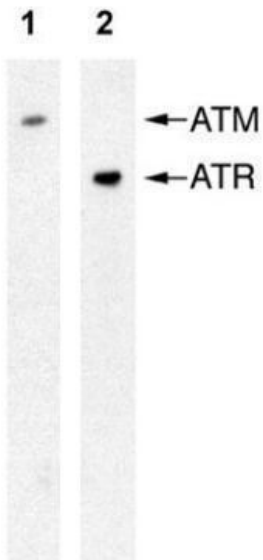
ATR Antibody (MA1-23158) in WB

Western blot analysis of ATR in Raji whole cell and nuclear extracts (30 µg). Samples were separated by 5% SDS-PAGE and the membrane was probed with ATR Monoclonal antibody (Product # MA1-23158) at a dilution of 1:500.



ATR Antibody (MA1-23158) in WB

Western blot analysis of ATR in Raji whole cell extract using an ATR monoclonal antibody (Product # MA1-23158).



2 References

Western Blot (1)

Biochemical pharmacology

Chk1 inhibitor synergizes quinacrine mediated apoptosis in breast cancer cells by compromising the base excision repair cascade.

"MA1-23158 was used in western blot to study quinacrine-induced apoptosis"

Authors: Preet R,Siddharth S,Satapathy SR,Das S,Nayak A,Das D,Wyatt MD,Kundu CN

Species
Human

Dilution
Not Cited

Year
2016

Miscellaneous PubMed (1)

Journal of immunological methods

Characterization of anti-mouse IL-12 monoclonal antibodies and measurement of mouse IL-12 by ELISA.

"MA1-23158 was used in ELISA and western blot to investigate the specificity of interleukin 12 antibodies in vitro"

Authors: Wilkinson VL,Warrier RR,Truitt TP,Nunes P,Gately MK,Presky DH

Species
Not Applicable

Dilution
Not Cited

Year
1996

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