

# ATM Monoclonal Antibody (5C2)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5C2
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to amino acids 980-1512
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
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_1185574

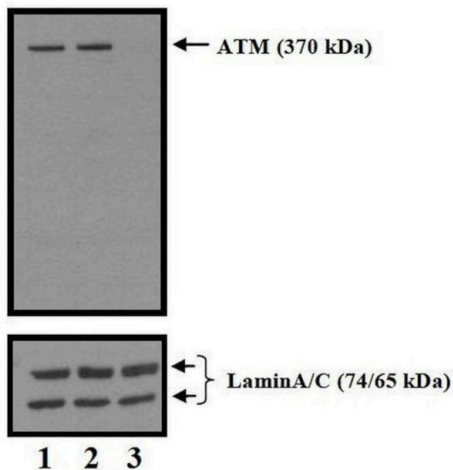
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	Assay-dependent	-

## Product Specific Information

Recommended positive controls: Raji, HeLa nuclear extract.

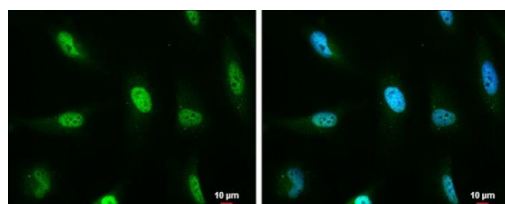
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For ATM Monoclonal Antibody (5C2)



### ATM Antibody (82314)

Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. HeLa cells were transfected with ATM siRNA and decrease in signal intensity was observed in western blot application using Anti-ATM Mouse Monoclonal Antibody (Product # 82314). {KD}

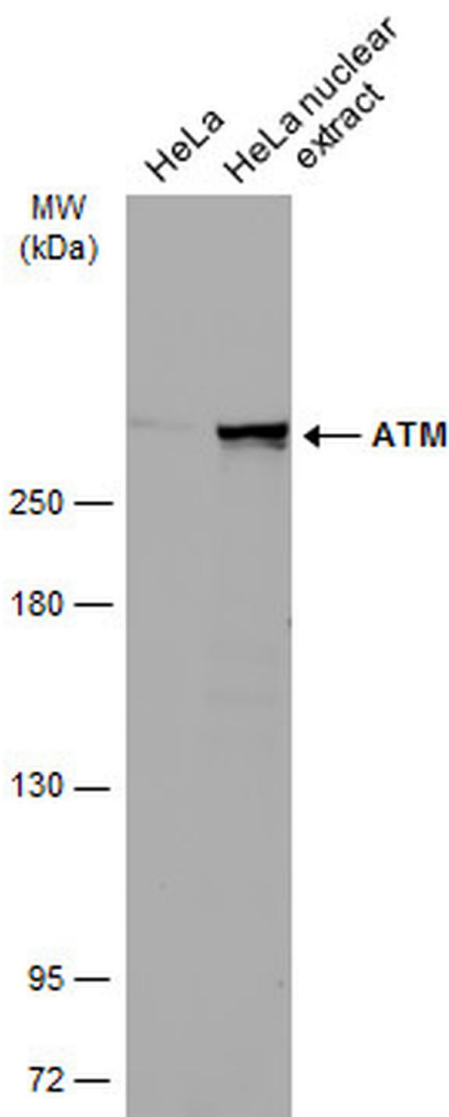


### ATM Antibody (82314) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of ATM was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: ATM Monoclonal Antibody (5C2) (Product # 82314) diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10 μm.

### ATM Antibody (82314) in WB

Western Blot analysis of ATM was performed by separating 30 μg of HeLa whole cell and nuclear extracts by 5% SDS-PAGE. Proteins were transferred to a membrane and probed with a ATM Monoclonal Antibody (5C2) (Product # 82314) at a dilution of 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



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