

# ATM Recombinant Monoclonal Antibody [BLR359N]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000042.3
Catalog No.	A700-359	Uniprot ID	Q13315
Lot No.	1	GeneID	472

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<b>APPLICATIONS</b>	WB, IP, IHC, ICC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl (50+ tests)
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR359N
<b>ORIGIN</b>	USA

**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 2550 and 2600 of human Serine-protein kinase ATM using the numbering given in entry NP\_000042.3 (Gene ID 472).

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1,000
Immunoprecipitation	6 µl/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.

**APPLICATION NOTES** All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

**IHC HUMAN CONTROLS** Breast Carcinoma, Hodgkin Lymphoma, Ovarian Carcinoma, Spleen, Tonsil, Malme-3M Cells, SK-MEL-28 Cells, UACC-257 Cells

**ADDITIONAL INFO** <https://www.fortislifecom/p/A700-359>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: March 28, 2025