

For Research Use Only

# ATM Recombinant antibody, PBS Only



Catalog Number: 83608-5-PBS

## Basic Information

Catalog Number: 83608-5-PBS	GenBank Accession Number: BC137169	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 472	CloneNo.: 240560F5
Source: Rabbit	UNIPROT ID: Q13315	
Isotype: IgG	Full Name: ataxia telangiectasia mutated	
Immunogen Catalog Number: AG25920		

## Applications

Tested Applications:  
WB, FC (Intra), ELISA

Species Specificity:  
human

## Background Information

### Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

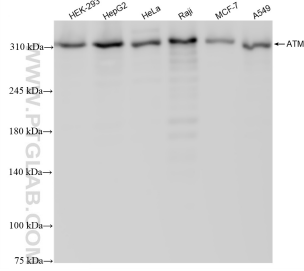
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

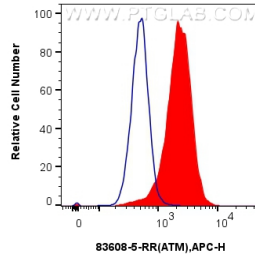
W: [ptgcn.com](http://ptgcn.com)

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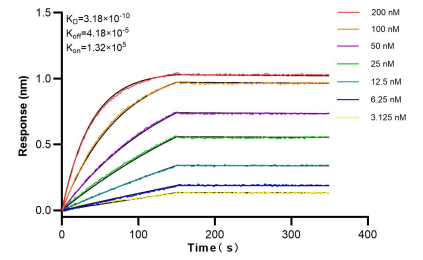
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83608-5-RR (ATM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83608-5-PBS in a different storage buffer formulation.



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.25 ug ATM Recombinant antibody (83608-5-RR, Clone:240560F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83608-5-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 83608-5-RR against Human ATM were performed. The affinity constant is 0.318 nM.