

For Research Use Only

# CoraLite® Plus 488-conjugated ATM Recombinant monoclonal antibody

Catalog Number: CL488-83608-5

Featured Product



## Basic Information

Catalog Number:	CL488-83608-5	GenBank Accession Number:	BC137169	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	472	CloneNo.:	240560F5
Isotype:	IgG	UNIPROT ID:	Q13315	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG25920	Full Name:	ataxia telangiectasia mutated	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Observed MW:	310-350 kDa		

## Applications

Tested Applications:	IF/ICC	Positive Controls:
Species Specificity:	human, mouse	IF/ICC : HepG2 cells,

## Background Information

The ATM protein is a member of the phosphatidylinositol 3-kinase family of proteins that respond to DNA damage by phosphorylating key substrates involved in DNA repair and/or cell cycle control. It is involved in mitogenic signal transduction, meiotic recombination, detection of DNA damage, and cell cycle control.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

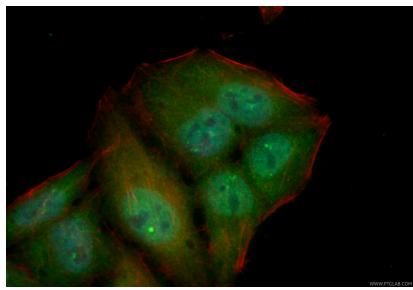
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 ATM antibody (CL488-83608-5, Clone: 240560F5) at dilution of 1:200, CL594-phalloidin (red).