

For Research Use Only

CoraLite® Plus 488-conjugated ATM Recombinant monoclonal antibody

Catalog Number: CL488-83608-5

Featured Product



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-83608-5	BC137169	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	472	240560F5
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q13315	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	ataxia telangiectasia mutated	wavelengths:
Immunogen Catalog Number:	Observed MW:	493 nm / 522 nm
AG25920	310-350 kDa	

Applications

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

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.

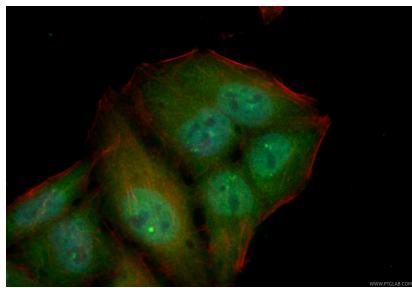
Storage

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:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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).