

For Research Use Only

# CoraLite® Plus 488-conjugated ATIC Recombinant monoclonal antibody

Catalog Number: CL488-84798-5



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-84798-5	BC008879	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	471	242324C8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P31939	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	wavelengths:
Immunogen Catalog Number:	cyclohydrolase	493 nm / 522 nm
AG1052	Calculated MW:	
	65 kDa	
	Observed MW:	
	62 kDa	

## Applications

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

## Background Information

5-Aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (ATIC, also known as AICAR) is an enzyme that can catalyze the last two reactions in the de novo purine biosynthetic pathway. It has been previously reported to be upregulated and to participate in myeloma and hepatocellular carcinoma progression (PMID: 35251351).

## 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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 ATIC antibody (CL488-84798-5, Clone: 242324C8 ) at dilution of 1:200.