

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
Source:	GenID (NCBI):	CloneNo.:
Rabbit	471	242324C8
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	P31939	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima
AG1052	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	wavelengths:
		cyclohydrolase
	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:

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