

For Research Use Only

CoraLite® Plus 488-conjugated ATIC Recombinant monoclonal antibody

Catalog Number: CL488-84798-5



Basic Information

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

Applications

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

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.