

For Research Use Only

CoraLite® Plus 488-conjugated ATIC Recombinant monoclonal antibody

Catalog Number: CL488-84798-5



Basic Information

Catalog Number:

CL488-84798-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1052

GenBank Accession Number:

BC008879

GeneID (NCBI):

471

UNIPROT ID:

P31939

Full Name:

5-aminoimidazole-4-carboxamide
ribonucleotide formyltransferase/IMP
cyclohydrolase

Calculated MW:

65 kDa

Observed MW:

62 kDa

Purification Method:

Protein A purification

CloneNo.:

242324C8

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

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.