

For Research Use Only

CoraLite®594-conjugated GART Monoclonal antibody



Catalog Number:CL594-67939

Basic Information

Catalog Number:

CL594-67939

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30509

GenBank Accession Number:

BC038958

GeneID (NCBI):

2618

UNIPROT ID:

P22102

Full Name:

phosphoribosylglycinamide
formyltransferase,
phosphoribosylglycinamide
synthetase,
phosphoribosylaminoimidazole
synthetase

Calculated MW:

1010 aa, 108 kDa

Observed MW:

46 kDa, 108 kDa

Purification Method:

Protein G purification

CloneNo.:

2A11E2

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

Species Specificity:

Human, mouse, rat

Background Information

GART is a trifunctional polypeptide which has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity that is required for de novo purine biosynthesis. GART has 2 isoforms with molecular mass of 108 kDa and 46 kDa due to alternative splicing.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

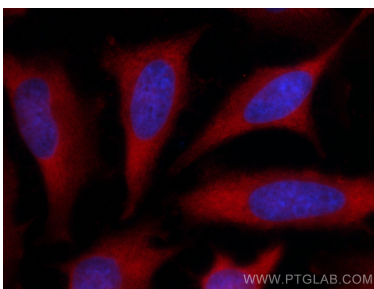
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®594 GART antibody (CL594-67939, Clone: 2A11E2) at dilution of 1:200.