

For Research Use Only

# CoraLite®594-conjugated GART Monoclonal antibody

Catalog Number: CL594-67939



## Basic Information

### Catalog Number:

CL594-67939

### Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

### 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

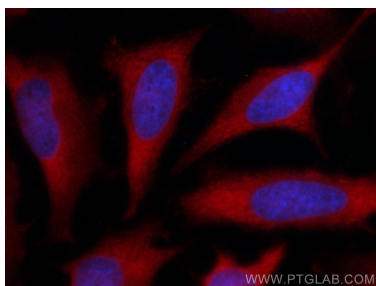
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## 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.