

For Research Use Only

CoraLite® Plus 647-conjugated GCLM Polyclonal antibody



Catalog Number:CL647-14241

Basic Information

Catalog Number:

CL647-14241

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5497

GenBank Accession Number:

BC041809

GeneID (NCBI):

2730

UNIPROT ID:

P48507

Full Name:

glutamate-cysteine ligase, modifier
subunit

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Background Information

GCLM(Glutamate--cysteine ligase regulatory subunit) is also named as GLCLR and belongs to the aldo/keto reductase family. It catalyzes the first step of GSH synthesis and is involved in gamma-glutamyl cycle. GCLM is implicated in some forms of hemolytic anemia.

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:

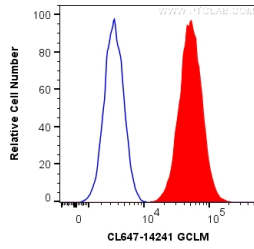
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human GCLM (CL647-14241) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).