

For Research Use Only

CoraLite® Plus 647-conjugated GYS1 Polyclonal antibody



Catalog Number: CL647-10566

Featured Product

Basic Information

Catalog Number:

CL647-10566

Size:

1 mg/mL

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0857

GenBank Accession Number:

BC007688

GeneID (NCBI):

2997

UNIPROT ID:

P13807

Full Name:

glycogen synthase 1 (muscle)

Calculated MW:

84 kDa

Observed MW:

84 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

GYS1 (Glycogen [starch] synthase, muscle) is the rate limiting enzyme of the insulin-induced glycogenesis, transferring glucose units from UDP-Glc to a glycogen primer. It catalyzes the linear addition of glucose residues to the branching structure of glycogen, providing a convenient store of glucose for times of metabolic need. This protein has 2 isoforms produced by 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:

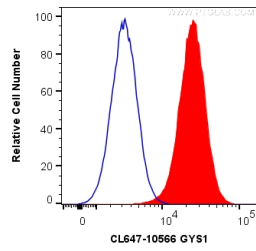
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human GYS1 (CL647-10566) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).