

For Research Use Only

CoraLite® Plus 488-conjugated UGP2 Recombinant monoclonal antibody

Catalog Number: CL488-86699

Featured Product



Basic Information

Catalog Number:

CL488-86699

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0590

GenBank Accession Number:

BC002954

GeneID (NCBI):

7360

UNIPROT ID:

Q16851

Full Name:

UDP-glucose pyrophosphorylase 2

Calculated MW:

56 kDa

Observed MW:

50-56 kDa

Purification Method:

Protein A purification

CloneNo.:

251615C1

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

UDP-glucose pyrophosphorylase 2 (UGP2, synonyms: UDPG, UGPP2, UDPGP2, Phc379) is an important intermediary in mammalian carbohydrate interconversions. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP-glucose and MgPPi. In liver and muscle tissue, UDP-glucose is a direct precursor of glycogen; in lactating mammary gland it is converted to UDP-galactose which is then converted to lactose. So far two isoforms are encoded by two transcript variants have been found.

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:

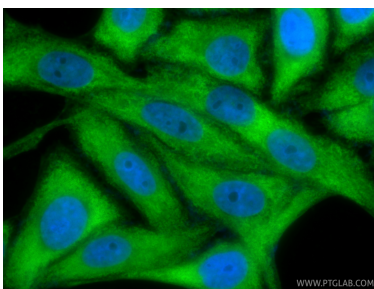
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 UGP2 antibody (CL488-86699, Clone: 251615C1) at dilution of 1:200.