

For Research Use Only

CoraLite® Plus 488-conjugated PFKFB3 Recombinant monoclonal antibody

Catalog Number: CL488-87233



Basic Information

Catalog Number:

CL488-87233

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4744

GenBank Accession Number:

BC040482

GeneID (NCBI):

5209

UNIPROT ID:

Q16875

Full Name:

6-phosphofructo-2-kinase/fructose-
2,6-bisphosphatase 3

Calculated MW:

520 aa, 60 kDa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

252490B6

Recommended Dilutions:

IF/ICC: 1:300-1:1200

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : A549 cells,

Background Information

PFKFB3, also named as NY-REN-56 and iPFK-2, plays a role in glucose metabolism. Its synthesis and degradation of fructose 2,6-bisphosphate. Endogenously generated adenosine cooperates with bacterial components to increase PFKFB3 isozyme activity, resulting in greater fructose 2,6-bisphosphate accumulation. PFKFB3 is required for increased growth, metabolic activity and is regulated through active JAK2 and STAT5.

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:

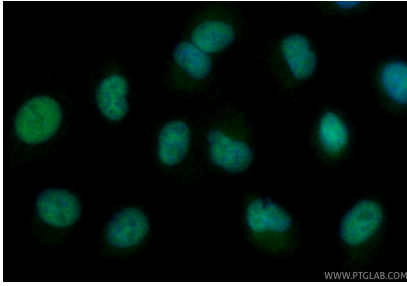
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 PFKFB3 antibody (CL488-87233, Clone: 252490B6) at dilution of 1:600.