

For Research Use Only

CoraLite® Plus 488-conjugated PFKP Monoclonal antibody

Catalog Number:CL488-68129



Basic Information

Catalog Number:

CL488-68129

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG25206

GenBank Accession Number:

BC029138

GeneID (NCBI):

5214

UNIPROT ID:

Q01813

Full Name:

phosphofructokinase, platelet

Calculated MW:

784 aa, 86 kDa

Observed MW:

80-86 kDa

Purification Method:

Protein G purification

CloneNo.:

1H4D4

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, Rabbit

Positive Controls:

IF/ICC : HeLa cells,

Background Information

PFKP(6-phosphofructokinase, platelet type) is also named as PFKF, PFK-C and belongs to the phosphofructokinase family. This form of PFK is best called the 'platelet' type and symbolized PFKP because it is the only form made by platelets, whereas fibroblasts have more than one form of PFK (Franke (1983)). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. The observed molecular weight of PFKP monomer is 80-86 kDa. The molecular mass of PFKP dimer is 171 kDa (PMID: 28607489).

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

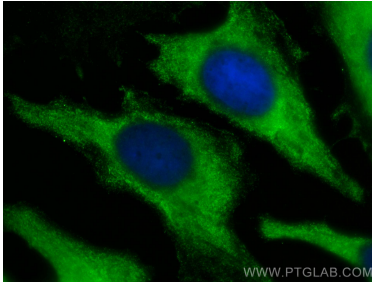
For technical support and original validation data for this product please contact:

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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



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 PFKP antibody (CL488-68129, Clone: 1H4D4) at dilution of 1:200.