

For Research Use Only

CoraLite® Plus 488-conjugated PFKP Monoclonal antibody



Catalog Number: CL488-68129

Basic Information

Catalog Number: CL488-68129	GenBank Accession Number: BC029138	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 5214	CloneNo.: 1H4D4
Source: Mouse	UNIPROT ID: Q01813	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: phosphofructokinase, platelet	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG25206	Calculated MW: 784 aa, 86 kDa	
	Observed MW: 80-86 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: Human, Mouse, Rat, Rabbit	

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 (Francke (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:

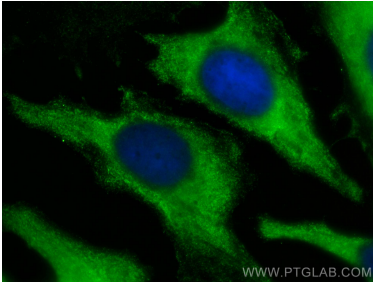
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.