

For Research Use Only

CoraLite® Plus 488-conjugated PFKM Recombinant antibody

Catalog Number:CL488-84281-5



Basic Information

Catalog Number: CL488-84281-5	GenBank Accession Number: BC021203	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5213	CloneNo.: 241598B2
Source: Rabbit	UNIPROT ID: P08237	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: phosphofructokinase, muscle	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30840	Observed MW: 75-85 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse	

Background Information

PFKM, also named as GSD7, PFK-1, PFK-M and PFKX, belongs to the phosphofructokinase family and two domains subfamily. PFKM catalyzes the reaction: ATP + D-fructose 6-phosphate = ADP + D-fructose 1,6-bisphosphate. It is a key regulatory enzyme in glycolysis. Defects in PFKM cause glycogen storage disease type 7 (GSD7). PFKM has three isoforms with molecular weights of 85, 82, and 93 kDa.

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

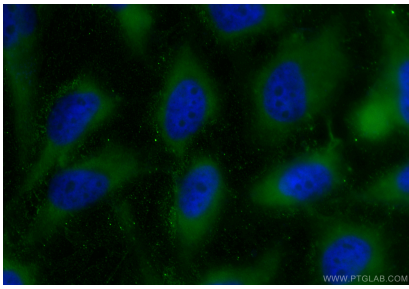
For technical support and original validation data for this product please contact:

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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 Ethanol) fixed HeLa cells using CoraLite® Plus 488 PFKM antibody (CL488-84281-5, Clone: 241598B2) at dilution of 1:200.