

For Research Use Only

CoraLite® Plus 488-conjugated PFKFB3 Recombinant monoclonal antibody

Catalog Number: CL488-87233



Basic Information

Catalog Number: CL488-87233	GenBank Accession Number: BC040482	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5209	CloneNo.: 252490B6
Source: Rabbit	UNIPROT ID: Q16875	Recommended Dilutions: IF/ICC: 1:300-1:1200
Isotype: IgG	Full Name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG4744	Calculated MW: 520 aa, 60 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human, mouse, rat	

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.

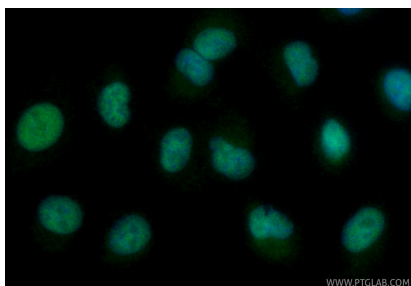
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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.