

For Research Use Only

CoraLite® Plus 488-conjugated G6PD Recombinant monoclonal antibody

Catalog Number: CL488-86240



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86240	BC000337	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	2539	250831F8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P11413	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	glucose-6-phosphate dehydrogenase	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG21862	59 kDa	
	Observed MW:	
	60 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: NIH/3T3 cells,
Species Specificity:	
human, mouse	

Background Information

G6PD(Glucose-6-phosphate 1-dehydrogenase) belongs to the glucose-6-phosphate dehydrogenase family. It is a housekeeping enzyme encoded in mammals by an X-linked gene. G6PD has important functions in intermediary metabolism because it catalyzes the first step in the pentose phosphate pathway and provides reductive potential in the form of NADPH.(PMID:7489710). This protein has 3 isoforms produced by alternative splicing.

Storage

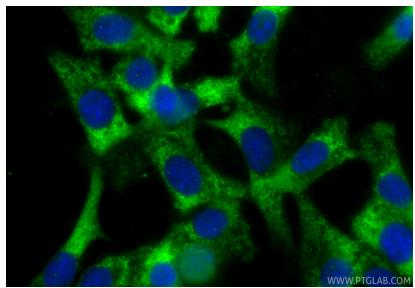
Storage: Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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
W: ptglab.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 Ethanol) fixed NIH/3T3 cells using CoraLite® Plus 488 G6PD antibody (CL488-86240, Clone: 250831F8) at dilution of 1:200.