

For Research Use Only

CoraLite® Plus 488-conjugated GSR Recombinant monoclonal antibody

Catalog Number:CL488-84480-2



Basic Information

Catalog Number: CL488-84480-2	GenBank Accession Number: BC069244	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2936	CloneNo.: 241934D2
Source: Rabbit	UNIPROT ID: P00390	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: glutathione reductase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13080	Calculated MW: 522 aa, 56 kDa	
	Observed MW: 52-55 kDa	

Applications

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

Background Information

GSR(Glutathione reductase) is also named as GLUR, GRD1 and belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family.It was first found in a black American a variant red cell GSR characterized by greater electrophoretic mobility and enzyme activity per unit of hemoglobin than the normal.This protein maintains high levels of reduced glutathione in the cytosol.It has 5 isoforms produced by alternative splicing and alternative initiation.

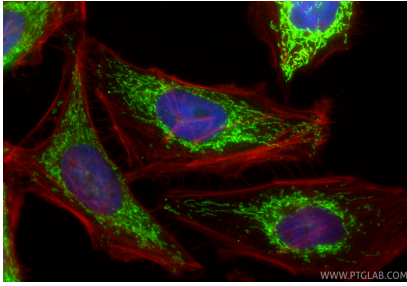
Storage

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 (4% PFA) fixed HeLa cells using Coralite® Plus 488 GSR antibody (CL488-84480-2, Clone: 241934D2) at dilution of 1:200, CL594-Phalloidin (red).