

For Research Use Only

CoraLite® Plus 647-conjugated GSTP1 Polyclonal antibody



Catalog Number: CL647-15902

Featured Product

Basic Information

Catalog Number: CL647-15902	GenBank Accession Number: BC010915	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2950	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: glutathione S-transferase pi 1	
Isotype: IgG	Calculated MW: 210 aa, 23 kDa	
Immunogen Catalog Number: AG8731	Observed MW: 23-28 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

Glutathione S-transferase P (GSTP1) conjugates reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. It is involved in the formation of glutathione conjugates of both prostaglandin A2 (PGA2) and prostaglandin J2 (PGJ2) (PubMed:9084911). Participates in the formation of novel hepxilin regioisomers (PubMed:21046276).

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.

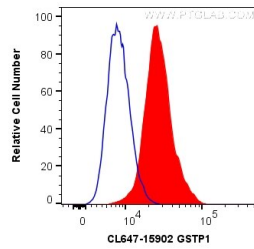
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human GSTP1 (CL647-15902) (red), or 0.2 ug Rabbit IgG CL647 (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).