

For Research Use Only

CoraLite® Plus 488-conjugated GSTO1 Monoclonal antibody



Catalog Number: CL488-60150

Basic Information

Catalog Number: CL488-60150	GenBank Accession Number: BC000127	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 9446	CloneNo.: 5E1E10
Source: Mouse	UNIPROT ID: P78417	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: glutathione S-transferase omega 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7199	Calculated MW: 28 kDa	
	Observed MW: 27-30 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : PC-3 cells,
Species Specificity: human, mouse, rat	

Background Information

Glutathione-S-transferase omega 1 (GSTO1) belongs to a new subfamily of GSTs and is the rate-limiting enzyme for the biotransformation of inorganic arsenic, an environmental carcinogen. Expression of GSTO1-1 was abundant in a wide range of normal tissues, particularly liver, macrophages, glial cells, and endocrine cells.

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:

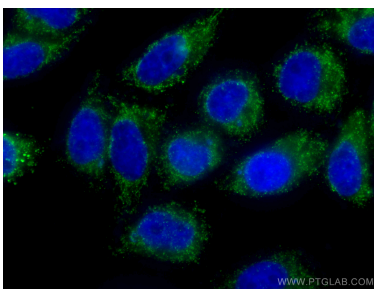
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using CL488-60150 (GSTO1 antibody) at dilution of 1:100.