

CoraLite®594-conjugated GSTO1 Monoclonal antibody

Catalog Number: **CL594-60150**

Basic Information

Catalog Number: CL594-60150	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/ICC 1:50-1:500
Isotype: IgG1	Full Name: glutathione S-transferase omega 1	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG7199	Calculated MW: 28 kDa	
	Observed MW: 27-30 kDa	

Applications

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

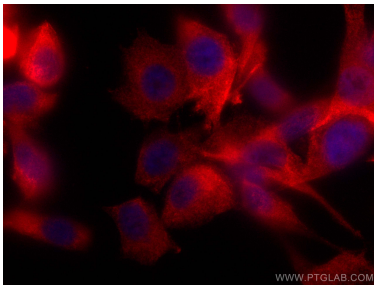
Background Information

Glutathione-S-transferase omega 1 (GSTO1) belongs to a new subfamily of GSTs and is the rate limiting enzyme for biotransformation of inorganic arsenic, 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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using Coralite®594 GSTO1 antibody (CL594-60150, Clone: 5E1E10) at dilution of 1:200.