

For Research Use Only

# CoraLite® Plus 488-conjugated GSTO1 Monoclonal antibody

Catalog Number: CL488-60150



## Basic Information

Catalog Number:

CL488-60150

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7199

GenBank Accession Number:

BC000127

GeneID (NCBI):

9446

UNIPROT ID:

P78417

Full Name:

glutathione S-transferase omega 1

Calculated MW:

28 kDa

Observed MW:

27-30 kDa

Purification Method:

Protein G purification

CloneNo.:

5E1E10

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : PC-3 cells,

## 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:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 PC-3 cells using Coralite® Plus 488 GSTO1  
antibody (CL488-60150, Clone: 5E1E10 ) at dilution  
of 1:200.