

For Research Use Only

# GSTO1 Monoclonal antibody, PBS Only



Catalog Number: 60150-2-PBS

## Basic Information

Catalog Number: 60150-2-PBS	GenBank Accession Number: BC000127	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 9446	CloneNo.: 5E1E10
Source: Mouse	UNIPROT ID: P78417	
Isotype: IgG1	Full Name: glutathione S-transferase omega 1	
Immunogen Catalog Number: AG7199	Calculated MW: 28 kDa	
	Observed MW: 27-30 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA, IHC, IF

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 -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

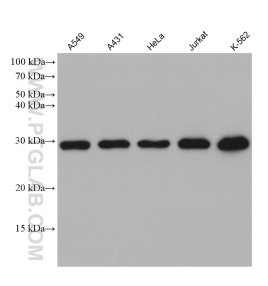
T: 4006900926

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

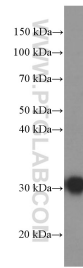
W: [ptgcn.com](http://ptgcn.com)

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

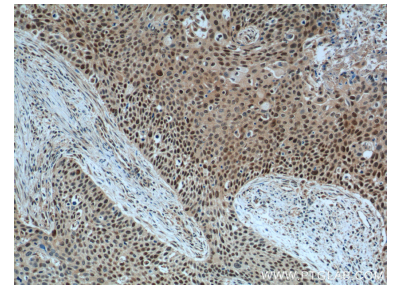
## Selected Validation Data



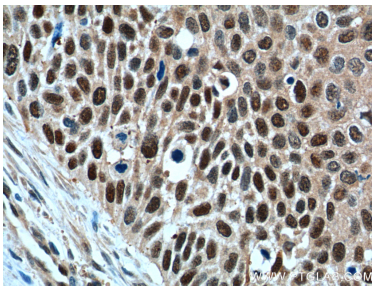
Various lysates were subjected to SDS PAGE followed by western blot with 60150-2-Ig (GSTO1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



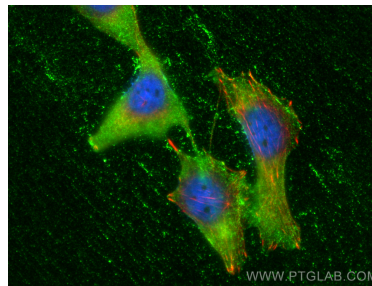
human heart tissue were subjected to SDS PAGE followed by western blot with 60150-2-Ig (GSTO1 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 60150-2-Ig (GSTO1 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 60150-2-Ig (GSTO1 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using GSTO1 antibody (60150-2-Ig, Clone: 5E1E10) at dilution of 1:800 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.