

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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, IF, IHC, Indirect ELISA

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

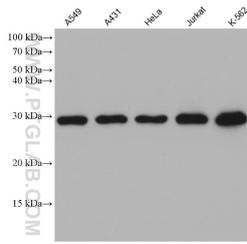
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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) E: proteintech@ptglab.com
W: ptglab.com

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

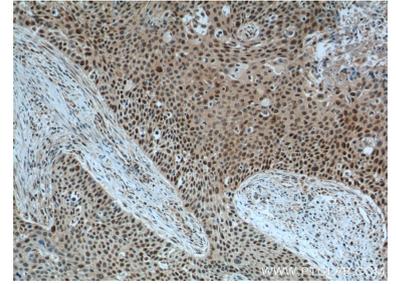
Selected Validation Data



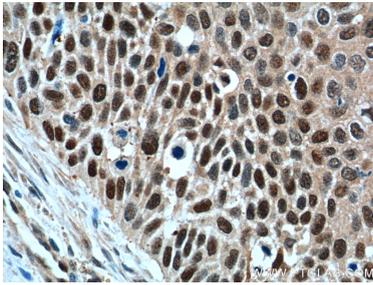
Various lysates were subjected to SDS PAGE followed by western blot with 60150-2-Ig (GSTO1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



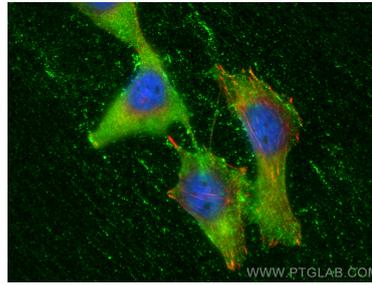
human heart tissue were subjected to SDS PAGE followed by western blot with 60150-2-Ig (GSTO1 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60150-2-PBS in a different storage buffer formulation.



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.