

For Research Use Only

GSTM3 Monoclonal antibody, PBS Only



Catalog Number: 67634-1-PBS

Basic Information

Catalog Number: 67634-1-PBS	GenBank Accession Number: BC000088	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2947	CloneNo.: 1E2B8
Source: Mouse	UNIPROT ID: P21266	
Isotype: IgG1	Full Name: glutathione S-transferase mu 3 (brain)	
Immunogen Catalog Number: AG7494	Calculated MW: 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications:
WB, IF, ELISA

Species Specificity:
Human, pig

Background Information

GSTM3 is a cytosolic enzyme involved in prostaglandin and leukotriene synthesis and in the metabolism of toxic compounds, such as chemotherapeutic drugs, insecticides, herbicides, carcinogens, and by-products of oxidative stress. GSTM3 is expressed in testis, brain, lung, and lymphocytes. GSTM3 have been reported to be dysregulated in cancers like prostate cancer and colon cancer.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

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

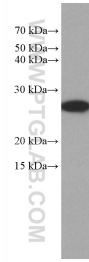
T: 4006900926

E: Proteintech-CN@ptglab.com

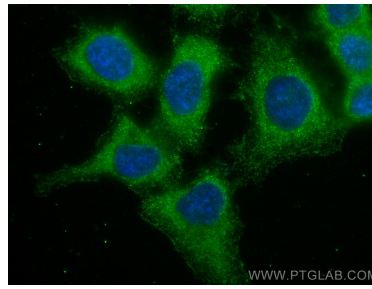
W: ptgcn.com

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

Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 67634-1-Ig (GSTM3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67634-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using GSTM3 antibody (67634-1-Ig, Clone: 1E2B8) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67634-1-PBS in a different storage buffer formulation.