

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: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

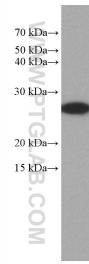
Storage:
Store at -80°C.

Storage Buffer:
PBS only

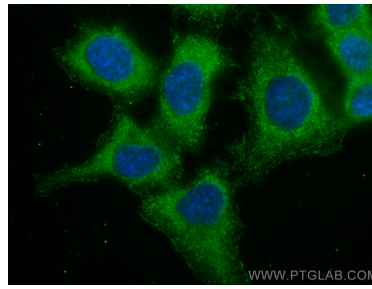
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.