

For Research Use Only

GSTM1 Monoclonal antibody

Catalog Number: 67862-1-Ig



Basic Information

Catalog Number: 67862-1-Ig	GenBank Accession Number: BC024005	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 2944	CloneNo.: 3C5C2
Source: Mouse	UNIPROT ID: P09488	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
Isotype: IgG2b	Full Name: glutathione S-transferase mu 1	
Immunogen Catalog Number: AG3113	Calculated MW: 181 aa, 21 kDa	
	Observed MW: 26-28 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), ELISA

Species Specificity:
human, mouse, rat, pig, chicken

Positive Controls:
WB : rat liver tissue, HeLa cells, Jurkat cells, pig liver tissue, mouse liver tissue, chicken liver tissue

IF/ICC : HeLa cells,

Background Information

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

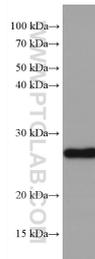
T: 4006900926

E: Proteintech-CN@ptglab.com

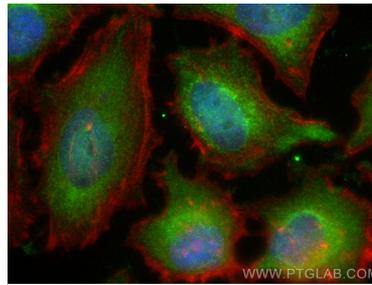
W: ptgcn.com

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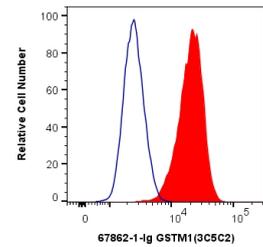
Selected Validation Data



rat liver tissue were subjected to SDS PAGE followed by western blot with 67862-1-Ig (GSTM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GSTM1 antibody (67862-1-Ig, Clone: 3C5C2) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-Phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human GSTM1 (67862-1-Ig, Clone: 3C5C2) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).