

For Research Use Only

GSTM1 Monoclonal antibody

Catalog Number: 67862-1-Ig



Basic Information

Catalog Number:

67862-1-Ig

Size:

150ul , Concentration: 1000 ug/ml by 2944

Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG3113

GenBank Accession Number:

BC024005

GeneID (NCBI):

2944

UNIPROT ID:

P09488

Full Name:

glutathione S-transferase mu 1

Calculated MW:

181 aa, 21 kDa

Observed MW:

26-28 kDa

Purification Method:

Protein A purification

CloneNo.:

3C5C2

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

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,

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

*** 20ul sizes contain 0.1% BSA

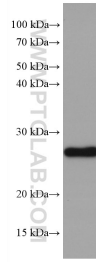
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

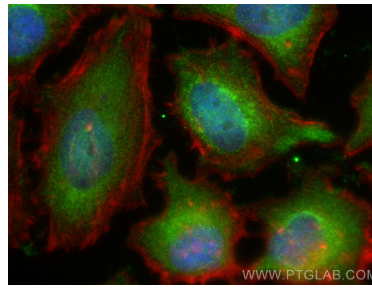
E: proteintech@ptglab.com
W: ptglab.com

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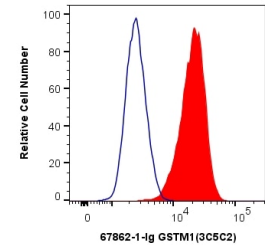
Selected Validation Data



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).