

For Research Use Only

GSTM1 Monoclonal antibody

Catalog Number: 67862-1-Ig



Basic Information

Catalog Number:

67862-1-Ig

Size:

1000 µg/ml

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

Applications

Tested Applications:

FC, WB, ELISA

Species Specificity:

Human, chicken, mouse, rat, pig

Positive Controls:

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

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:

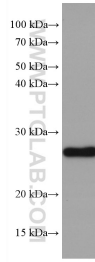
T: 4006900926

E: Proteintech-CN@ptglab.com

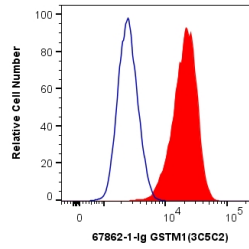
W: ptgcn.com

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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.



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).