

For Research Use Only

GSS Monoclonal antibody

Catalog Number: 67598-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number:

67598-1-Ig

Size:

150ul, Concentration: 2400 ug/ml by 2937
Nanodrop and 1000 ug/ml by Bradford
method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8354

GenBank Accession Number:

BC007927

GeneID (NCBI):

2937

UNIPROT ID:

P48637

Full Name:

glutathione synthetase

Calculated MW:

474 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

1F12G1

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse, Rat, pig, hamster

Cited Species:

human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : CHO cells, rat liver tissue, HEK-293 cells, HeLa
cells, HepG2 cells, Jurkat cells

IHC : human liver cancer tissue,

IF/ICC : HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaohan Jin	36243112	J Biol Chem	WB
Chu-Xuan Liu	38414591	World J Gastroenterol	WB

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

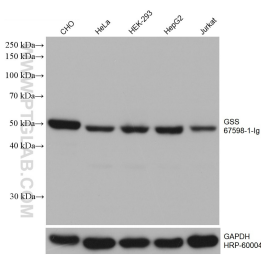
For technical support and original validation data for this product please contact:

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

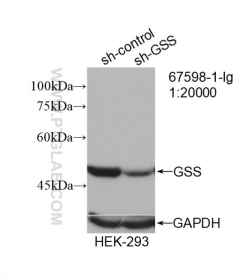
E: proteintech@ptglab.com
W: ptglab.com

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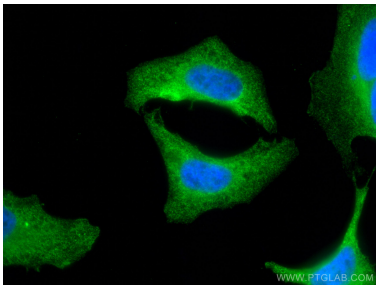
Selected Validation Data



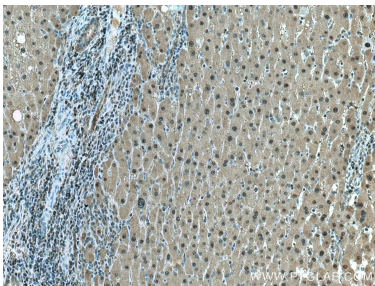
Various lysates were subjected to SDS PAGE followed by western blot with 67598-1-Ig (GSS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



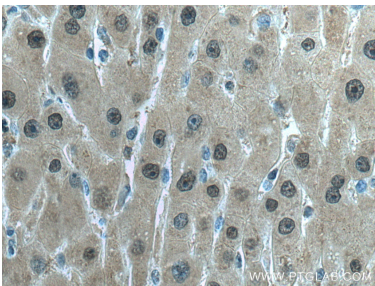
WB result of GSS antibody (67598-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSS transfected HEK-293 cells.



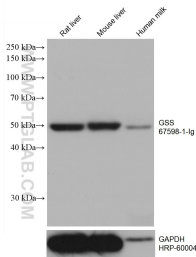
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GSS antibody (67598-1-Ig. Clone: 1F12G1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67598-1-Ig (GSS antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67598-1-Ig (GSS antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67598-1-Ig (GSS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.