

For Research Use Only

SHMT1 Monoclonal antibody

Catalog Number: 67963-1-Ig



Basic Information

Catalog Number:

67963-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5833

GenBank Accession Number:

BC038598

GeneID (NCBI):

6470

UNIPROT ID:

P34896

Full Name:

serine hydroxymethyltransferase 1 (soluble)

Calculated MW:

483 aa, 53 kDa

Observed MW:

45-53 kDa

Purification Method:

Protein G purification

CloneNo.:

2D5E6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, pig, rabbit

Positive Controls:

WB : HeLa cells, rabbit liver tissue, HepG2 cells, Jurkat cells, K-562 cells, Pig liver tissue

IF/ICC : HepG2 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:

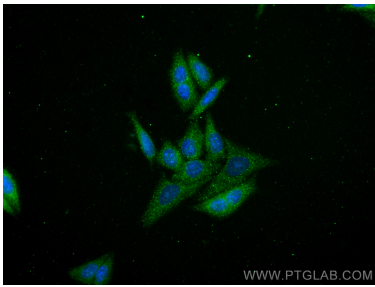
T: 4006900926

E: Proteintech-CN@ptglab.com

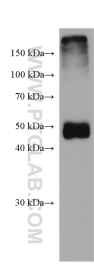
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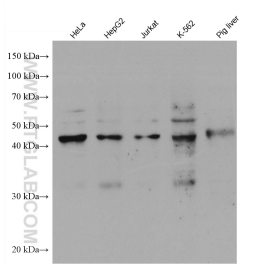
Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using SHMT1 antibody (67963-1-Ig, Clone: 2D5E6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



rabbit liver tissue were subjected to SDS PAGE followed by western blot with 67963-1-Ig (SHMT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67963-1-Ig (SHMT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.