

For Research Use Only

GOT1 Monoclonal antibody, PBS Only

Catalog Number: 60317-1-PBS

Featured Product



Basic Information

Catalog Number:

60317-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7012

GenBank Accession Number:

BC000498

GeneID (NCBI):

2805

UNIPROT ID:

P17174

Full Name:

glutamic-oxaloacetic transaminase 1,
soluble (aspartate aminotransferase
1)

Calculated MW:

46 kDa

Observed MW:

40-46 kDa

Purification Method:

Protein G purification

CloneNo.:

5A12E10

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, chicken

Background Information

Glutamate oxaloacetate transaminase 1 (GOT1) catalyzes the reversible reaction of L-aspartate and alpha-ketoglutarate into oxaloacetate and L-glutamate and plays a key role in carbon and nitrogen metabolism. GOT1 can potentially control the intracellular levels of reactive oxygen species (ROS) through NADPH synthesis and enhances tumor growth. GOT1 expression correlates with the growth of several tumors.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

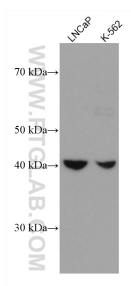
T: 4006900926

E: Proteintech-CN@ptglab.com

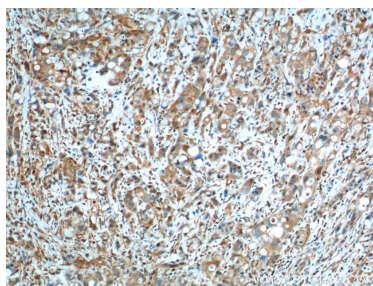
W: ptgcn.com

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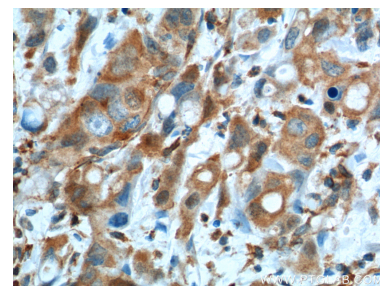
Selected Validation Data



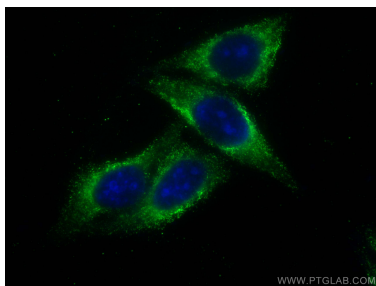
Various lysates were subjected to SDS PAGE followed by western blot with 60317-1-Ig (GOT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60317-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60317-1-Ig (GOT1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60317-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60317-1-Ig (GOT1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60317-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using GOT1 antibody (60317-1-Ig, Clone: 5A12E10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60317-1-PBS in a different storage buffer formulation.