

SERPIND1 Monoclonal antibody

Catalog Number: 67602-1-Ig

Basic Information

Catalog Number:

67602-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG26351

GenBank Accession Number:

BC035028

GeneID (NCBI):

3053

UNIPROT ID:

P05546

Full Name:

serpin peptidase inhibitor, clade D (heparin cofactor), member 1

Calculated MW:

499 aa, 57 kDa

Observed MW:

66-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2C1E1

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:400-1:1600

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, pig

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 : human plasma, human placenta tissue, pig plasma

IHC : human liver tissue,

IF/ICC : HepG2 cells,

Background Information

Storage

Storage:

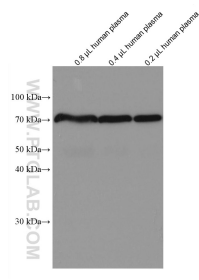
Store at -20°C.

Storage Buffer:

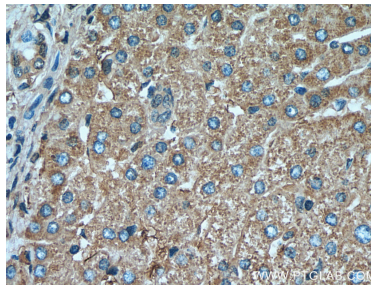
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

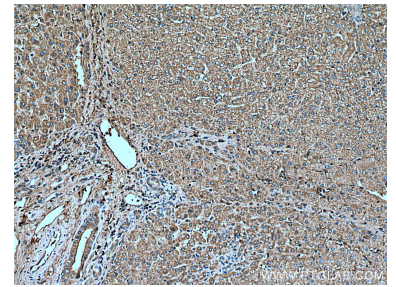
Selected Validation Data



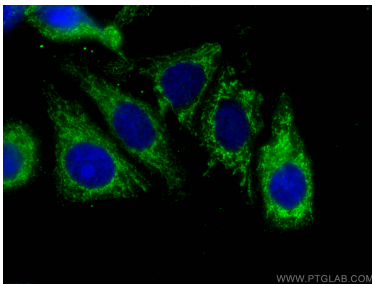
0.8 μ L, 0.4 μ L, and 0.2 μ L human plasma lysates were subjected to SDS PAGE followed by western blot with 67602-1-Ig (SERPIND1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67602-1-Ig (SERPIND1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67602-1-Ig (SERPIND1 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SERPIND1 antibody (67602-1-Ig, Clone: 2C1E1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).