

For Research Use Only

Alpha 1B-Glycoprotein Monoclonal antibody

Catalog Number: 66260-1-Ig



Basic Information

Catalog Number: 66260-1-Ig	GenBank Accession Number: BC035719	Purification Method: Protein G purification
Size: 150ul , Concentration: 1100 ug/ml by 1 Nanodrop and 893 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): UNIPROT ID: P04217	CloneNo.: 4D4E5
Source: Mouse	Full Name: alpha-1-B glycoprotein	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Isotype: IgG1	Calculated MW: 54 kDa	
Immunogen Catalog Number: AG5414	Observed MW: 72 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
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 : human plasma, human heart tissue, human placenta tissue

IHC : human liver tissue,

IF/ICC : HepG2 cells,

Background Information

Alpha-1B-glycoprotein (A1BG) is a plasma protein and is a member of the immunoglobulin superfamily. A1BG contains 474 amino acids and has 5 intrachain disulfide bonds. It has been reported that cysteine-rich secretory protein 3 (CRISP-3) is a specific and high-affinity ligand of A1BG. A1BG-CRISP-3 complex displays a similar function in protecting the circulation from a potentially harmful effect of free CRISP3 (PMID: 15461460).

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

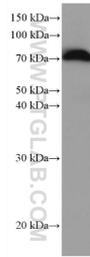
For technical support and original validation data for this product please contact:

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

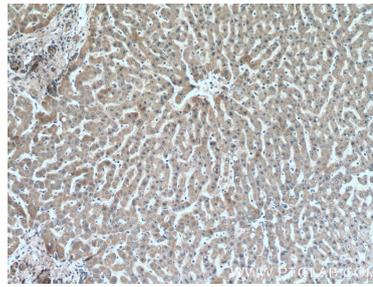
E: proteintech@ptglab.com
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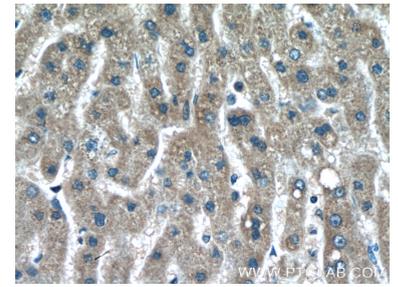
Selected Validation Data



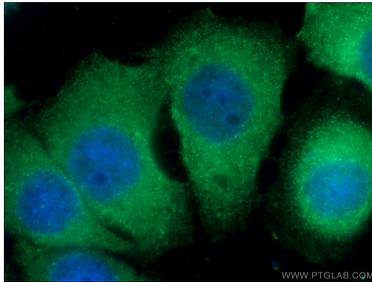
human plasma were subjected to SDS PAGE followed by western blot with 66260-1-Ig (Alpha-1B-Glycoprotein antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66260-1-Ig (alpha-1B-glycoprotein antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66260-1-Ig (alpha-1B-glycoprotein antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66260-1-Ig (alpha-1B-glycoprotein antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated Goat Anti-Mouse IgG(H+L).