

For Research Use Only

fetuin-B Monoclonal antibody

Catalog Number: 67002-1-Ig **3 Publications**



Basic Information

Catalog Number: 67002-1-Ig	GenBank Accession Number: BC074734	Purification Method: Protein A purification
Size: 150ul , Concentration: 2000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26998	CloneNo.: 2H7D11
Source: Mouse	UNIPROT ID: Q9UGM5	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:150-1:600 IF-P 1:200-1:800 IF/ICC 1:400-1:1600
Isotype: IgG2b	Full Name: fetuin B	
Immunogen Catalog Number: AG12463	Calculated MW: 382 aa, 42 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IF-P, ELISA	Positive Controls: WB : human plasma, human blood, rabbit serum IHC : human liver tissue, IF-P : human liver cancer tissue, IF/ICC : HepG2 cells,
Cited Applications: WB	
Species Specificity: human, rabbit	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Fetuin A and B are both members of the cystatin superfamily. They are mainly expressed in the liver (hepatokines), as well as other tissues such as the kidneys, tongue, and placenta. Fetuin-B has been identified as a novel adipokine/hepatokine that significantly increases hepatic steatosis and mediates impaired insulin action and glucose intolerance. (PMID: 36915725, PMID: 35702137)

Notable Publications

Author	Pubmed ID	Journal	Application
Manhong Xu	34919406	J Proteome Res	WB
Yan Xing	34406004	J Agric Food Chem	WB
Xinhui Liu	38783935	Front Pharmacol	WB

Storage

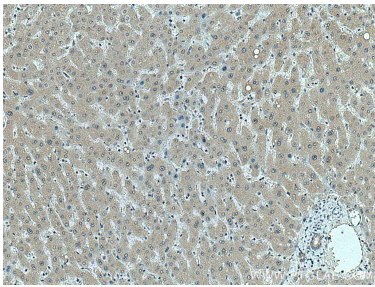
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

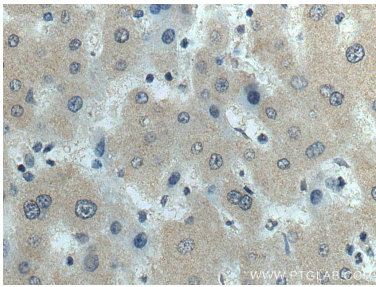
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

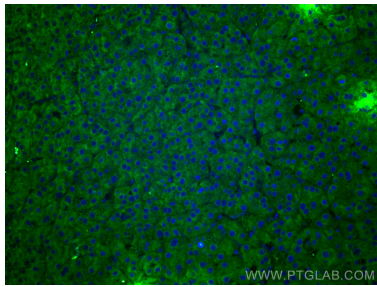
Selected Validation Data



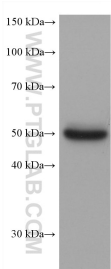
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67002-1-Ig (fetuin-B antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



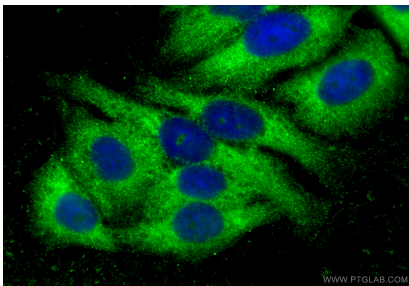
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67002-1-Ig (fetuin-B antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using fetuin-B antibody (67002-1-Ig, Clone: 2H7D11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



human plasma were subjected to SDS PAGE followed by western blot with 67002-1-Ig (fetuin-B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using fetuin-B antibody (67002-1-Ig, Clone: 2H7D11) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).