

For Research Use Only

Fetuin-A Monoclonal antibody

Catalog Number: 66094-1-Ig



Basic Information

Catalog Number: 66094-1-Ig	GenBank Accession Number: BC048198	Purification Method: Protein A purification
Size: 2400 µg/ml	GeneID (NCBI): 197	CloneNo.: 1F6B9
Source: Mouse	UNIPROT ID: P02765	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2a	Full Name: alpha-2-HS-glycoprotein	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Immunogen Catalog Number: AG10073	Calculated MW: 367 aa, 39 kDa	IHC 1:20-1:200
	Observed MW: 58 kDa	IF 1:10-1:100

Applications

Tested Applications:
FC, IF/ICC, IHC, IP, WB, 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: HepG2 cells, human heart tissue, human plasma tissue

IP: HepG2 cells,

IHC: human liver cancer tissue, human liver tissue

IF: HepG2 cells,

Background Information

Fetuin-A (alpha-2-HS-glycoprotein, AHSG), a liver borne plasma protein, contributes to the prevention of soft tissue calcification, modulates inflammation, reduces INS sensitivity and fosters weight gain following high fat diet or ageing. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues.

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:

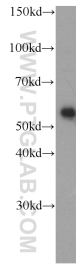
T: 4006900926

E: Proteintech-CN@ptglab.com

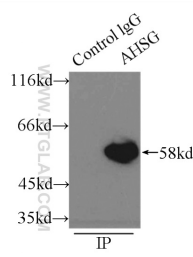
W: ptgcn.com

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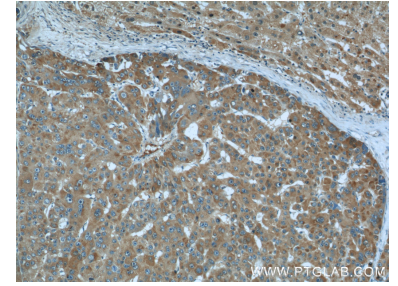
Selected Validation Data



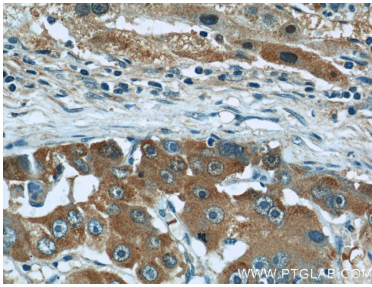
HepG2 cells were subjected to SDS PAGE followed by western blot with 66094-1-Ig (Fetuin-A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



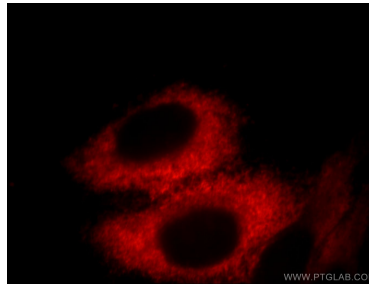
IP result of anti-Fetuin-A (IP:66094-1-Ig, 3ug; Detection:66094-1-Ig 1:3000) with HepG2 cells lysate 6000ug.



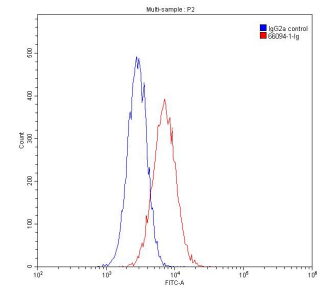
Immunohistochemical analysis of paraffin-embedded human liver cancer using 66094-1-Ig(Fetuin-A antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 66094-1-Ig(Fetuin-A antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using AHSG antibody 66094-1-Ig at 1:25 dilution and Rhodamine-labeled goat anti-mouse IgG (red).



1×10^6 HepG2 cells were stained with 0.20ug Fetuin-A antibody (66094-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.