

For Research Use Only

Fetuin-A/AHSG Monoclonal antibody, PBS Only

Catalog Number: 66094-1-PBS



Basic Information

Catalog Number: 66094-1-PBS	GenBank Accession Number: BC048198	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 197	CloneNo.: 1F6B9
Source: Mouse	UNIPROT ID: P02765	
Isotype: IgG2a	Full Name: alpha-2-HS-glycoprotein	
Immunogen Catalog Number: AG10073	Calculated MW: 367 aa, 39 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:
human

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 -80°C.
Storage Buffer:
PBS Only

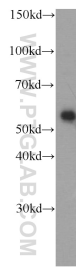
For technical support and original validation data for this product please contact:

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

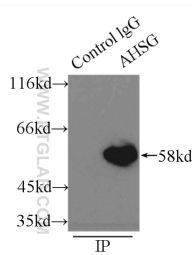
E: proteintech@ptglab.com
W: ptglab.com

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

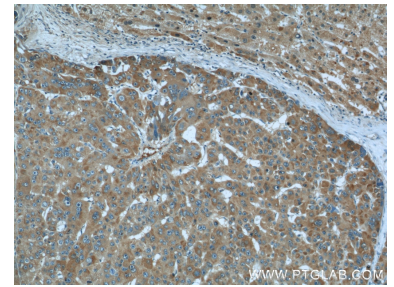
Selected Validation Data



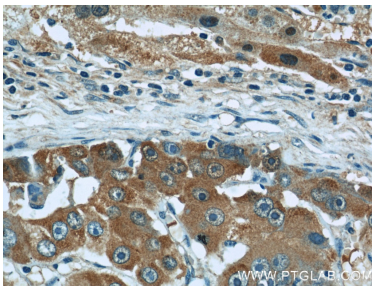
HepG2 cells were subjected to SDS PAGE followed by western blot with 66094-1-Ig (Fetuin-A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66094-1-PBS in a different storage buffer formulation.



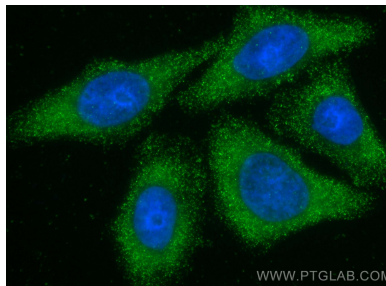
IP result of anti-Fetuin-A (IP:66094-1-Ig, 3ug; Detection:66094-1-Ig 1:3000) with HepG2 cells lysate 6000ug. This data was developed using the same antibody clone with 66094-1-PBS in a different storage buffer formulation.



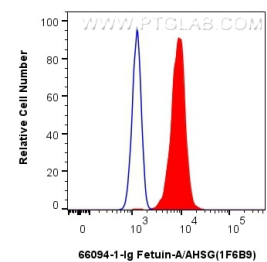
Immunohistochemical analysis of paraffin-embedded human liver cancer using 66094-1-Ig(Fetuin-A antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66094-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 66094-1-Ig(Fetuin-A antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66094-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Fetuin-A antibody (66094-1-Ig, Clone: 1F6B9) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 66094-1-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug Fetuin-A/AHSG Monoclonal antibody (66094-1-Ig, Clone:1F6B9) and CoraLite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG2a isotype control Mouse McAb (66360-2-Ig, Clone: 11A1B2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66094-1-