For Research Use Only

AFM Monoclonal antibody

Catalog Number:66113-1-Ig 1 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
66113-1-Ig

Size:
900 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG16866

GenBank Accession Number:
BC109020

GeneID (NCBI):
173

UNIPROT ID:
P43652

Full Name:
afamin

Calculated MW:
599 aa, 69 kDa

Observed MW:
85 kDa

Purification Method:
Protein G purification

CloneNo.:
2G9F6

Recommended Dilutions:
WB 1:2000-1:10000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200
IF/ICC 1:200-1:800

Applications

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

Cited Applications:
WB

Species Specificity:
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

Positive Controls:

WB : human plasma,

IP : human plasma tissue,

IHC : human liver tissue,

IF/ICC : HeLa cells,

Background Information

AFM (Afamin) is a member of the albumin superfamily, which comprises albumin, vitamin D-binding protein, a-fetoprotein, and afamin. AFM is present in the plasma/serum, cerebrospinal fluid, and follicular fluid, and functions as a vitamin E-binding protein. Alterations of expression level of AFM have been linked to variety of diseases like cancer.

Notable Publications

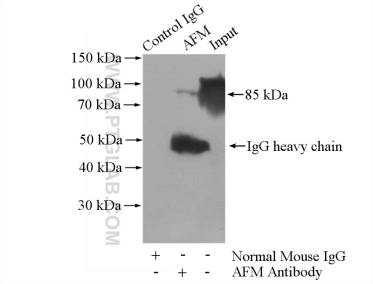
Author	Pubmed ID	Journal	Application
Qing-Xiu Liu	29983616	J Ginseng Res	WB

Storage

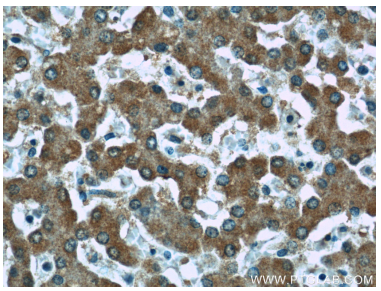
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

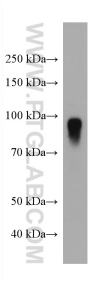
Selected Validation Data



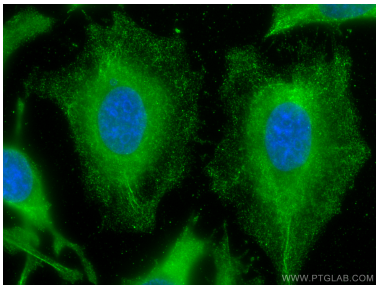
IP result of anti-AFM (IP:66113-1-Ig, 5ug; Detection:66113-1-Ig 1:500) with human plasma lysate 4000ug.



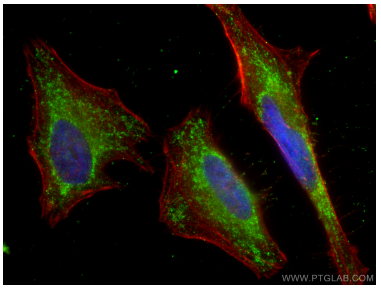
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66113-1-Ig (AFM Antibody) at dilution of 1:50.



human plasma were subjected to SDS PAGE followed by western blot with 66113-1-Ig (AFM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using AFM antibody (66113-1-Ig, Clone: 2G9F6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AFM antibody (66113-1-Ig, Clone: 2G9F6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).