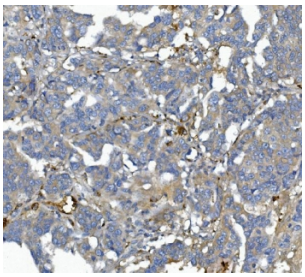
Afamin Antibody / AFM (RQ5792)

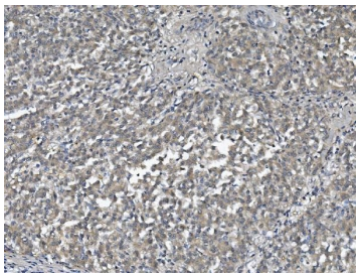
Catalog No.	Formulation	Size
RQ5792	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

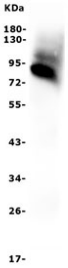
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P43652
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This AFM antibody is available for research use only.



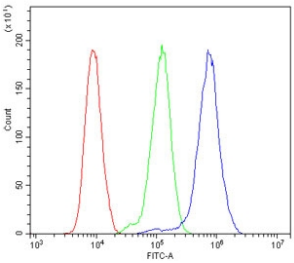
IHC staining of FFPE human ovarian cancer with Afamin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer with Afamin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human plasma lysate with Afamin antibody. Predicted molecular weight: ~69/87 kDa (unmodified/glycosylated).



Flow cytometry testing of human HL-60 cells with Afamin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Afamin antibody.

Description

Afamin is a protein that in humans is encoded by the AFM gene. This gene is a member of the albumin gene family, which is comprised of four genes that localize to chromosome 4 in a tandem arrangement. These four genes encode structurally-related serum transport proteins that are known to be evolutionarily related. The protein encoded by this gene is regulated developmentally, expressed in the liver and secreted into the bloodstream.

Application Notes

Optimal dilution of the AFM antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D41-E584) was used as the immunogen for the AFM antibody.

Storage

After reconstitution, the AFM antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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