

For Research Use Only

# AFP Recombinant antibody, PBS Only

Catalog Number: 82982-5-PBS



## Basic Information

Catalog Number:

82982-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC027881

GeneID (NCBI):

174

UNIPROT ID:

P02771

Full Name:

alpha-fetoprotein

Calculated MW:

69 kDa

Purification Method:

Protein A purification

CloneNo.:

230435A2

## Applications

Tested Applications:

WB, IF, Indirect ELISA

Species Specificity:

Human

## Background Information

### Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

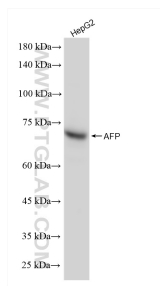
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

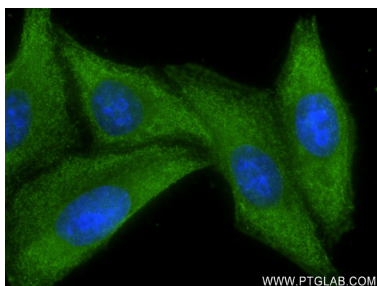
W: [ptgcn.com](http://ptgcn.com)

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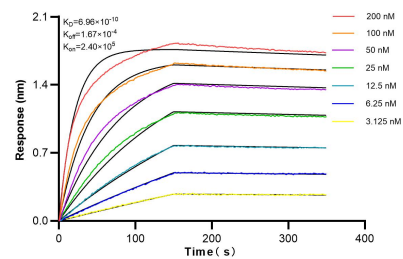
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 82982-5-RR (AFP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82982-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AFP antibody (82982-5-RR, Clone: 230435A2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 82982-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82982-5-RR against Human AFP were performed. The affinity constant is 0.696 nM.