

For Research Use Only

AFP Monoclonal antibody, PBS Only

Catalog Number: 67852-1-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 67852-1-PBS | GenBank Accession Number: BC027881 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 174 | CloneNo.: 4B3E4 |
| Source: Mouse | UNIPROT ID: P02771 | |
| Isotype: IgG1 | Full Name: alpha-fetoprotein | |
| Immunogen Catalog Number: AG6089 | Calculated MW: 69 kDa | |
| | Observed MW: 68-72 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

AFP, also known as Alpha-fetoprotein, is a major plasma protein in the fetus and its concentration is very low in the adult (PubMed:24120489). AFP is considered a marker of hepatocyte precursors. AFP can be detected at abnormally high concentrations in hepatocellular carcinomas as well as in the plasma and ascitic fluid of adults with hepatoma. High AFP concentrations have been correlated with tumor cell growth, indicating that AFP can serve as a tumor marker (PubMed: 18669658).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

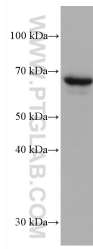
T: 4006900926

E: Proteintech-CN@ptglab.com

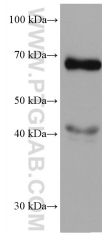
W: ptgcn.com

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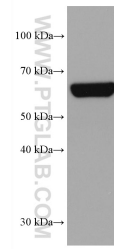
Selected Validation Data



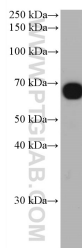
HepG2 cells were subjected to SDS PAGE followed by western blot with 67852-1-Ig (AFP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67852-1-PBS in a different storage buffer formulation.



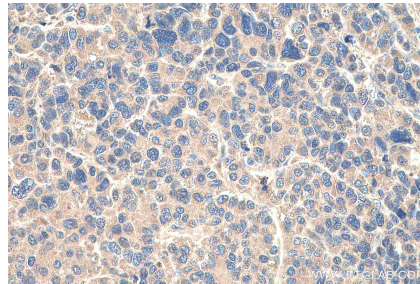
HuH-7 cells were subjected to SDS PAGE followed by western blot with 67852-1-Ig (AFP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67852-1-PBS in a different storage buffer formulation.



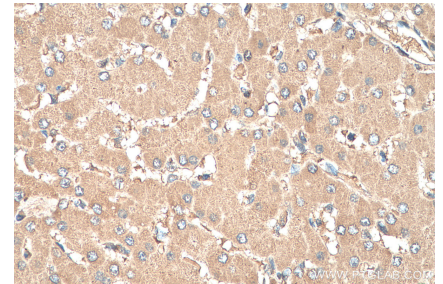
human testis tissue were subjected to SDS PAGE followed by western blot with 67852-1-Ig (AFP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67852-1-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 67852-1-Ig (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 67852-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67852-1-Ig (AFP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67852-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67852-1-Ig (AFP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67852-1-PBS in a different storage buffer formulation.