

## Mouse Alpha-fetoprotein Monoclonal Antibody | anti-AFP antibody

Mouse anti-Human Alpha-fetoprotein(AFP) Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY                                                                     | APPLICATIONS                |
|-----------|-------|--------------------------------------------------------------------------------|-----------------------------|
| AAA118809 | Mouse | Human. Other species are not tested. Please decide the specificity by homology | Immunohistochemistry, ELISA |

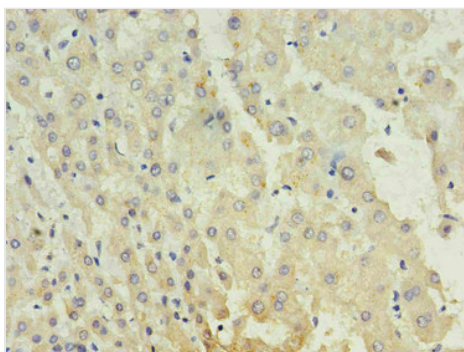
### PRODUCT SYNONYMS

Alpha-fetoprotein; Monoclonal Antibody; Mouse anti-Human Alpha-fetoprotein(AFP) Monoclonal Antibody; AFP; HPAFP; Alpha-1-fetoprotein; Alpha-fetoglobulin; anti-AFP antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                    |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                              |
| Reactivity                                    | Human. Other species are not tested. Please decide the specificity by homology                                                                     |
| Clonality                                     | Monoclonal                                                                                                                                         |
| Specificity                                   | Specific for Human AFP denatured and native forms                                                                                                  |
| Purity/Purification                           | >95%, Protein G Purified                                                                                                                           |
| Sequence Length                               | 609                                                                                                                                                |
| Applicable Applications for anti-AFP antibody | IHC (Immunohistochemistry), ELISA                                                                                                                  |
| Storage Buffer                                | Preservative: 0.03% Proclin 300<br>Constituents: 0.01M PBS, PH 7.4                                                                                 |
| Conjugate                                     | Non-conjugated                                                                                                                                     |
| Immunogen                                     | Recombinant AFP Protein                                                                                                                            |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-166325 / sc-166335 / sc-166450 / sc-51506 / sc-80464 / sc-130302 / sc-8399 |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.                                     |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA118809 in 30ug/ml dilute concentrations.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AFP antibody | Alpha-fetoprotein (AFP, alpha-fetoprotein; also sometimes called alpha-1-fetoprotein, alpha-fetoglobulin, or alpha fetal protein) is a protein that in humans is encoded by the AFP gene. The AFP gene is located on the q arm of chromosome 4 (4q25). AFP is a major plasma protein produced by the yolk sac and the liver during fetal development. It is thought to be the fetal form of serum albumin. AFP binds to copper, nickel, fatty acids and bilirubin and is found in monomeric, dimeric and trimeric forms. |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                   |
|----------------------------------|-------------------|
| NCBI GI #                        | 4501989           |
| NCBI GeneID                      | 174               |
| NCBI Accession #                 | NP_001125.1       |
| NCBI GenBank Nucleotide #        | NM_001134.2       |
| UniProt Accession #              | P02771; B2RBU3    |
| Molecular Weight                 | 68,678 Da         |
| NCBI Official Full Name          | alpha-fetoprotein |
| NCBI Official Synonym Full Names | alpha fetoprotein |
| NCBI Official Symbol             | AFP               |
| NCBI Official Synonym Symbols    | AFPD; FETA; HPAFP |
| NCBI Protein Information         | alpha-fetoprotein |
| UniProt Protein Name             | Alpha-fetoprotein |
| UniProt Gene Name                | AFP               |
| UniProt Synonym Gene Names       | HPAFP             |
| UniProt Entry Name               | FETA_HUMAN        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-fetoprotein-antibody-immunohistochemistry-elisa/118809>