

ARG10187 anti-alpha Fetoprotein antibody [AFP-Y2] (HRP)

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | HRP-conjugated Mouse Monoclonal antibody [AFP-Y2] recognizes Human AFP |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | AFP-Y2 |
| Isotype | IgG1 |
| Target Name | alpha Fetoprotein |
| Species | Human |
| Immunogen | Human AFP, which was isolated from amniotic fluid and purified by affinity chromatography. |
| Conjugation | HRP |
| Alternate Names | Alpha-fetoprotein; HPAFP; FETA; Alpha-fetoglobulin; AFPD; Alpha-1-fetoprotein |

Application Instructions

| | |
|------------------|--|
| Application Note | <p>ELISA: In combination with capture antibody mAb AFP-Y1 (Cat. No.: ARG10186), this HRP conjugated antibody can be used as tracer antibody in sandwich ELISA assay for human AFP detection.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> |
|------------------|--|

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Protein G affinity purified |
| Buffer | 0.01M PBS (pH 7.2) and 50% Glycerol |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Keep the antibody in the dark and keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|-----------------------------------|
| Database links | GeneID: 174 Human |
|----------------|-----------------------------------|

| | |
|----------------|--|
| Gene Symbol | AFP |
| Gene Full Name | alpha-fetoprotein |
| Background | <p>Alpha fetoprotein (AFP) is a 70KD glycoprotein which is produced primarily by liver cells in foetuses. It exists in significant amount in foetal plasma and decreases rapidly after birth. Moderate amount of AFP exists in serum of pregnant women. Monitoring mother's serum AFP level in second trimester pregnancy can help assessing birth defects such as Down syndrome, neural tube defect and anencephaly. Elevated AFP level in men, children and non-pregnant women is associated with neoplastic conditions in liver, testicle or ovary.</p> |
| Function | <p>Related Antibody Duos and Panels: ARG30065 Alpha Fetoprotein ELISA Antibody Duo Related products: alpha Fetoprotein antibodies; alpha Fetoprotein ELISA Kits; alpha Fetoprotein Duos / Panels; Anti-Mouse IgG secondary antibodies; Related news: Stem cell and the regenerative medicine: Ready for the patients</p> |
| Highlight | <p>Related Antibody Duos and Panels: ARG30065 Alpha Fetoprotein ELISA Antibody Duo Related products: alpha Fetoprotein antibodies; alpha Fetoprotein ELISA Kits; alpha Fetoprotein Duos / Panels; Anti-Mouse IgG secondary antibodies; Related news: Stem cell and the regenerative medicine: Ready for the patients</p> |
| Research Area | Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody |
| Calculated Mw | 69 kDa |
| PTM | <p>Independent studies suggest heterogeneity of the N-terminal sequence of the mature protein and of the cleavage site of the signal sequence.</p> <p>Sulfated.</p> |