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Anti-AFP/Alpha 1 Fetoprotein Antibody (Monoclonal, 35A50)

Catalog Number: M00522-5

About Afp

Alpha-fetoprotein (AFP) is a major plasma protein in the fetus, where it is produced by the yolk sac and liver. Direct confirmation of the assignment of the AFP gene to chromosome 4 by in situ hybridization was provided by Harper and Dugaiczyk (1983), who placed the gene in the q11-q22 region, the same region as the albumin gene. Structure and evolution of human alpha-fetoprotein deduced from partial sequence of cloned cDNA.As the major fetal serum protein, Alpha-fetoprotein is not essential for embryonic development but is required for female fertility.

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Overview

Product Name	Anti-AFP/Alpha 1 Fetoprotein Antibody (Monoclonal, 35A50)
Reactive Species	Human
Description	Boster Bio Anti-AFP/Alpha 1 Fetoprotein Antibody (Monoclonal, 35A50) catalog # M00522-5. Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Monoclonal 35A50
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P02773

Technical Details

Immunogen	Human alpha-fetoprotein.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG2a

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Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2-4ug/ml, Human

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For Research Use Only. Not for use in diagnostic procedures.