

Product Datasheet

alpha-Fetoprotein/AFP Antibody (AFP-11) - BSA Free NB500-524

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-524

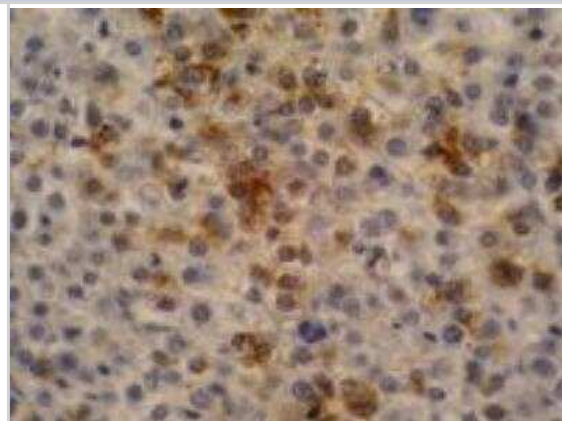
alpha-Fetoprotein/AFP Antibody (AFP-11) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AFP-11
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	70 kDa
Product Description	
Host	Mouse
Gene ID	174
Gene Symbol	AFP
Species	Human
Specificity/Sensitivity	This antibody (clone AFP-11) reacts with human alpha-Fetoprotein (AFP), a 70 kDa oncofetal antigen. AFP is a major fetal plasma protein, but is not present in healthy adult tissues. Elevated AFP concentrations in adult plasma may be an early marker of hepatocellular carcinoma or teratoblastoma, while high concentrations in amniotic fluid may indicate severe congenital defects of a fetus.
Immunogen	purified alpha-Fetoprotein
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay
Recommended Dilutions	Western Blot 2 ug/ml, ELISA 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml, Radioimmunoassay 1:100-1:2000
Application Notes	ELISA: This antibody has been tested as the capture antibody in a sandwich ELISA for analysis of human alpha-fetoprotein in combination with antibody NB500-643. Immunohistochemistry (paraffin sections): Recommended dilution: 10 ug/ml; positive tissue: hepatocellular carcinoma; heat mediated antigen retrieval (sodium citrate buffer); mAb incubation 1 hour / RT, detection DAB. Western blotting: Recommended dilution: 2 ug/ml, non-reducing conditions.



Images

Immunohistochemistry-Paraffin: alpha-Fetoprotein/AFP Antibody (AFP-11) [NB500-524] - Staining of hepatocellular carcinoma (fetal liver; paraffin-embedded sections)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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