

Product Datasheet

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

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB500-524

Updated 5/23/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB500-524



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

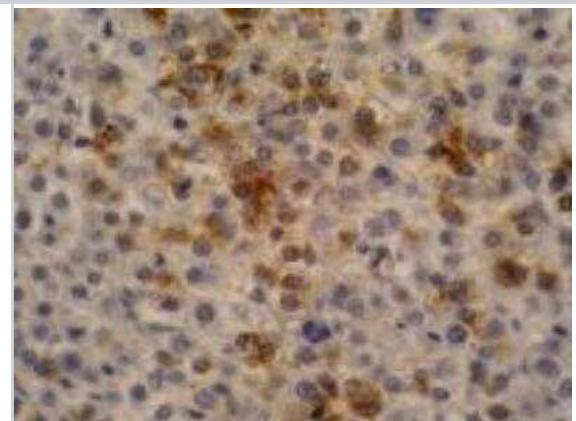
Host	Mouse
Gene ID	174
Gene Symbol	AFP
Species	Human
Specificity/Sensitivity	This antibody (clone AFP-11) reacts with human alpha-Fetoprotein (AFP), a 70 kDa oncofetal antigen. AFP is a major fetal plasma protein, but is not present in healthy adult tissues. Elevated AFP concentrations in adult plasma 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)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB500-524

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications