

Product Datasheet

alpha-Fetoprotein/AFP Antibody (D10) NBP2-45012-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-45012-0.1mg

alpha-Fetoprotein/AFP Antibody (D10)

Product Information

Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	D10
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
Target Molecular Weight	70 kDa

Product Description

Host	Mouse
Gene ID	174
Gene Symbol	AFP
Species	Human
Marker	Hepatocellular/Germ Cell Tumor Marker
Specificity/Sensitivity	It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha-fetoprotein (AFP) (ISOBM TD-2 workshop and assigned by K. Nustad to group D of a cluster of 6 major epitopes of human alpha fetoprotein). This MAbs is highly specific to AFP and shows no cross-reaction with other oncofetal antigens or serum albumin. AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.
Immunogen	Alpha fetoprotein (AFP) purified from serum of a hepatoma patient.

Product Application Details

Applications	Flow Cytometry, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Hu-chromosome location: 4q13.3



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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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