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Product Datasheet

Anti-alpha-Fetoprotein Biotin, Clone: [AFP-01], Monoclonal EXB-1B-259-C100

Article Name	Anti-alpha-Fetoprotein Biotin, Clone: [AFP-01], Monoclonal
Biozol Catalog Number	EXB-1B-259-C100
Supplier Catalog Number	1B-259-C100
Alternative Catalog Number	EXB-1B-259-C100
Manufacturer	EXBIO
Category	Antikörper
Application	ELISA, ICC, IP, WB
Species Reactivity	Human
Immunogen	purified alpha-Fetoprotein
Conjugation	Biotin
Product Description	Alpha-fetoprotein (AFP) is present in fetal plasma, and it binds e.g. copper, nickel, and bilirubin. Measuring of alpha-fetoprotein level in amniotic fluid can reveal severe fetal defects. In adults, elevated AFP concentrations in the plasma can indi...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[AFP-01]
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Target	alpha-Fetoprotein

Antibody Type	Monoclonal Antibody
Application Notes	ELISA: The antibody AFP-01 has been tested as the detection antibody in a sandwich ELISA for analysis of human alpha-fetoprotein in combination with antibody AFP-11 (cat. no. 11-384-C100).Western blotting: Recommended dilution: 1-2 µg/ml, non-reducing conditions.Immunoprecipitation: Interaction of the antibody AFP-01 with AFP is dependent on the presence of calcium ions (strongly inhibited by chelating agents). Such characteristics of the antibody can be exploited for immunoaffinity purification of APF under mild elution conditions.