



11-384-C100

Monoclonal Antibody to alpha-Fetoprotein Purified Antibody (0.1 mg)

Clone:	AFP-11
Isotype:	Mouse IgG1
Specificity:	The antibody 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.
Regulatory Status:	RUO
Immunogen:	purified alpha-Fetoprotein
Species Reactivity:	Human
Application:	Immunohistochemistry (paraffin sections) Recommended dilution: 10 µg/ml Positive tissue: hepatocellular carcinoma Application note: heat mediated antigen retrieval (sodium citrate buffer); mAb incubation 1 hour / RT; detection DAB ELISA The antibody AFP-11 has been tested as the capture antibody in a sandwich ELISA for analysis of human alpha-Fetoprotein in combination with antibody AFP-01 (cat. no. 11-259-C100). RIA
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by precipitation and chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
References:	*Stefanova I, Horejsi V, Kristofova H, Angelisova P, Zizkovsky V, Hilgert I: Monoclonal antibodies against human alpha-fetoprotein. Exploitation of an unusual calcium-dependent interaction with the antigen for analytical and preparative purposes. J Immunol Methods. 1988 Jun 28;111(1):67-73.

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