

Technical Data Sheet

Product	Anti-alpha-Fetoprotein HRP	
Cat. Number/Size	1X-259-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	alpha-Fetoprotein
Clone	AFP-01
Format	HRP
Reactivity	Human
Application	WB, ELISA (QC tested)
Application details	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).
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody AFP-01 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.
Other names	AFP, FETA, HPAFP
Immunogen	purified alpha-Fetoprotein
Entrez Gene ID	174
Gene name	AFP
NCBI Full Gene Name	alpha fetoprotein
UniProt ID	P02771

Concentration	0.2 mg/ml
Preparation	Purified antibody is conjugated with activated horseradish peroxidase (HRP) of high specific enzyme activity under optimum conditions and unconjugated antibody and free HRP are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 0.01% thimerosal
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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