



Anti-Alpha fetoprotein monoclonal antibody, clone 254DU61.22.9.2 (DCABH-10106)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to alpha 1 Fetoprotein
Antigen Description	Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.
Target	Alpha fetoprotein
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 300 - 400 of Human alpha 1 Fetoprotein.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	254DU61.22.9.2
Conjugate	Unconjugated
Applications	WB
Positive Control	This antibody gave a positive signal in the following lysates: Hepg2 whole cell, MCF7 whole cell, Human Ovary tissue.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium Azide; Constituents: 1% BSA, PBS, pH 7.4

Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	AFP alpha-fetoprotein [Homo sapiens]
Official Symbol	AFP
Synonyms	AFP; alpha-fetoprotein; HPAFP; FETA; alpha-fetoglobulin; alpha-1-fetoprotein;
Entrez Gene ID	174
Protein Refseq	NP_001125
UniProt ID	P02771
Chromosome Location	4q11-q13
Pathway	Direct p53 effectors, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;
Function	metal ion binding;