



Anti-Alpha fetoprotein monoclonal antibody, clone 3B0 (DCABH-427)

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	Recombinant full length Human alpha 1 Fetoprotein produced in HEK293T cells (NP_001125).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Dog, Human, Monkey
Clone	3B0
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, ICC/IF
Positive Control	Human liver tissue; HEK293T cell lysate transfected with pCMV6-ENTRY alpha 1 Fetoprotein cDNA; HepG2, HeLa, MCF7, MDCK, Jurkat, COS7 and A549 cell extracts; HEK293T cells transfected with pCMV6-ENTRY alpha 1 Fetoprotein overexpress plasmid; Jurkat cells;
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

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;