

Product datasheet for **AM32229PU-N**

alpha 1 Fetoprotein (AFP) Mouse Monoclonal Antibody [Clone ID: D10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	D10
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Immunohistochemistry on frozen and paraffin sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse has been immunized with alpha fetoprotein isolated from serum of hepatoma patients. Splenocytes were fused with mouse myeloma cell line P3-X63-Ag8.653.
Specificity:	D10 has been characterized in the ISOBM TD-2 workshop and assigned by K. Nustad to group D of a cluster of 6 major epitopes of human alpha fetoprotein.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	alpha fetoprotein
Database Link:	Entrez Gene 174 Human P02771



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Background:

Human alpha fetoprotein is an oncofetal protein of 70 kD. Its gene has been cloned and sequenced and its structure identified. AFP is expressed in fetal liver and is normally absent in healthy adult tissues. It is expressed in all yolk sac tumors, in some germ cell tumors and in hepatocellular carcinomas.

Synonyms:

Alpha-1-fetoprotein, Alpha-fetoglobulin, HPAFP