

## AFP

### Mouse Anti-Human alpha-Fetoprotein/AFP Clone D10 mAb

<b>Catalog No.</b>	MON4037	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	FETA, HPAFP, alpha-1-fetoprotein, alpha-fetoglobulin, alpha-fetoprotein, alpha-fetoglobulin, alpha-1-fetoprotein,		
<b>Description:</b>	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. 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. Source: 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.		
<b>Concentration:</b>	100 µg/ml		
<b>Gene ID:</b>	174		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	C3		
<b>Formulation:</b>	100 µg purified material in PBS with 0.05% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	D10 specifically reacts with human, but not with mouse, rat, dog or calf alpha fetoprotein as demonstrated by ELISA. It is applicable for immuno-histochemistry on formalin fixed, paraffin embedded sections and for cryostat sections and cell smears.		
<b>Storage &amp; Stability:</b>	Store antibody at 2-8°C until expiration date.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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