

## AFP

### Rabbit Anti-Human alpha-Fetoprotein/AFP pAb

<b>Catalog No.</b>	PS076	<b>Quantity:</b>	1.0 mg
<b>Alternate Names:</b>	AFPD; FETA; HPAFP		
<b>Description:</b>	The rabbit polyclonal antibody recognizes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin.		
<b>Gene ID:</b>	174		
<b>UniProtKB:</b>	P02771		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Human alpha-fetoprotein		
<b>Host:</b>	Rabbit		
<b>Isotype:</b>	IgG		
<b>Immunogen:</b>	Human alpha-fetoprotein (98% pure)		
<b>Formulation:</b>	Lyophilized, may contain traces of mannitol, dextran and buffer salts.		
<b>Purity:</b>	>95%		
<b>Purification:</b>	Rabbit antiserum was pre-absorbed by incubation with immobilized fractions of human plasma. The pre-absorbed fraction was then affinity purified on immobilized human alpha-fetoprotein.		
<b>Reconstitution:</b>	Centrifuge vial prior to opening. Add 1 mL sterile distilled water.		
<b>Applications:</b>	Antisera can be used to affinity purify human alpha-fetoprotein or in various immunoassays, to detect human alpha-fetoprotein.		
<b>Application Notes:</b>	The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store desiccated at 2-8 °C for up to one year. Upon reconstitution, store antibody at 2-8 °C for up to two weeks or in working aliquots at -20 °C to -80 °C for one year. <b>Avoid repeated freeze-thaw cycles.</b>		

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