

# Product Datasheet

## alpha-Fetoprotein/AFP Antibody (C3) [Alexa Fluor® 488] NBP2-34577AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34577AF488**

alpha-Fetoprotein/AFP Antibody (C3) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	174
<b>Gene Symbol</b>	AFP
<b>Species</b>	Human, Porcine, Canine, Monkey, Bovine (Negative), Mouse (Negative), Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Bovine, Mouse or Rat.
<b>Marker</b>	Hepatocellular/Germ Cell Tumor Marker
<b>Specificity/Sensitivity</b>	It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha-fetoprotein (AFP) (ISOBM TD-2 workshop). This monoclonal antibody is highly specific to AFP and shows no cross-reaction with other oncofetal antigens or serum albumin. AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.
<b>Immunogen</b>	Alpha feto protein (AFP) Purified from serum of a hepatoma patient (Uniprot: P02771)
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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, CyTOF-ready, Knockout Validated
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Flow (Intracellular), CyTOF-ready, Knockout Validated





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-34577AF488**

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NBP1-96981AF488	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 488]
NBP2-52171-0.05mg	Recombinant Human alpha-Fetoprotein/AFP His Protein
M6000B-1	IL-6 [HRP]
MAFP00	alpha-Fetoprotein/AFP [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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