

# Product Datasheet

## alpha-Fetoprotein/AFP Antibody (D10)

### NBP2-45012-0.1mg

Unit Size: 0.1 mg

Store at 4C.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-45012](http://www.novusbio.com/NBP2-45012)

Updated 5/3/2021 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-45012](http://www.novusbio.com/reviews/destination/NBP2-45012)



**NBP2-45012-0.1mg**

alpha-Fetoprotein/AFP Antibody (D10)

| Product Information     |                         |
|-------------------------|-------------------------|
| Unit Size               | 0.1 mg                  |
| Concentration           | 0.2 mg/ml               |
| Storage                 | Store at 4C.            |
| Clonality               | Monoclonal              |
| Clone                   | D10                     |
| Preservative            | 0.05% Sodium Azide      |
| Isotype                 | IgG1 Kappa              |
| Purity                  | Protein A or G purified |
| Buffer                  | 10mM PBS and 0.05% BSA  |
| Target Molecular Weight | 70 kDa                  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 174  |
| Gene Symbol             | AFP  |
| Species                 | Human  |
| Marker                  | Hepatocellular/Germ Cell Tumor Marker  |
| Specificity/Sensitivity | It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha-fetoprotein (AFP) (ISOBM TD-2 workshop and assigned by K. Nustad to group D of a cluster of 6 major epitopes of human alpha fetoprotein). This MAb 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. |
| Immunogen               | Alpha fetoprotein (AFP) purified from serum of a hepatoma patient.   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Immunofluorescence  |
| Recommended Dilutions       | Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 0.5 - 1.0 ug/ml |
| Application Notes           | Hu-chromosome location: 4q13.3  |





### **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

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-45012](http://www.novusbio.com/reviews/submit/NBP2-45012)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

