

# Product Datasheet

## APOBEC2 Antibody (4D7) - Azide and BSA Free H00010930-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00010930-M01**

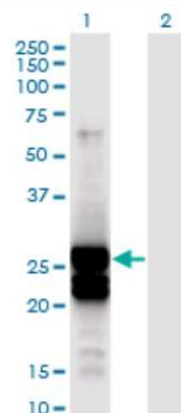
APOBEC2 Antibody (4D7) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                            |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                  |
| Clone                       | 4D7                                                                                                                                                                                                                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | IgG purified                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                             |
| Description                 | Novus Biologicals Mouse APOBEC2 Antibody (4D7) - Azide and BSA Free (H00010930-M01) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 10930                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | APOBEC2                                                                                                                                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | This product is specific for Human APOBEC2 monoclonal antibody (M01), clone 4D7 [Gene ID: 10930].                                                                                                                                                                                                                                                                           |
| Immunogen                   | APOBEC2 (NP_006780.1, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MAQKEEA AVATEAASQNGEDLENLDDPEKLKELIELPPFEIVTGERLPANFFKF<br>QFRNVEYSSGRNKTFLCYVVEAQGKGGQVQASRGYLEDEHAAAHAEAEFFNT<br>ILPAFDPALRYNVTWYVSSSPCAACADRIIKTLSTKNLRLILVGRLFMWEEPEI<br>QAALKKLKEAGCKLRIMKPQDFEYVWQNFVEQEEGESKAFQPWEDIQENFLY<br>YEEKLADILK |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                         |
| Recommended Dilutions       | Western Blot, ELISA, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                         |
| Application Notes           | Mouse monoclonal antibody raised against a full-length recombinant APOBEC2.                                                                                                                                                                                                                                                                                                 |

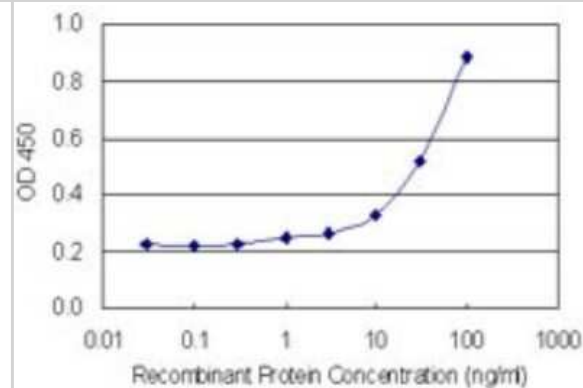


## Images

Western Blot: APOBEC2 Antibody (4D7) [H00010930-M01] - Analysis of APOBEC2 expression in transfected 293T cell line by APOBEC2 monoclonal antibody (M01), clone 4D7. Lane 1: APOBEC2 transfected lysate (Predicted MW: 25.7 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: APOBEC2 Antibody (4D7) [H00010930-M01] - Detection limit for recombinant GST tagged APOBEC2 is 3 ng/ml as a capture antibody.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00010930-M01**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00010930-P01-10ug | Recombinant Human APOBEC2 GST (N-Term) Protein          |

### **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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