

# Product Datasheet

## beta B1 Crystallin Antibody (3D9) - Azide and BSA Free H00001414-M03

Unit Size: 0.1 mg

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

[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/H00001414-M03](http://www.novusbio.com/H00001414-M03)

Updated 2/21/2025 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/H00001414-M03](http://www.novusbio.com/reviews/destination/H00001414-M03)



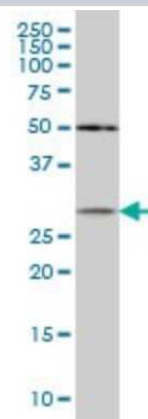
**H00001414-M03**

beta B1 Crystallin Antibody (3D9) - Azide and BSA Free

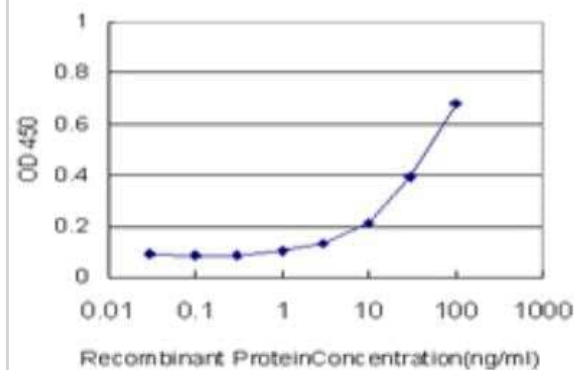
| Product Information         |                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                       | 3D9                                                                                                                                                                                                                            |
| Preservative                | No Preservative                                                                                                                                                                                                                |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                    |
| Purity                      | IgG purified                                                                                                                                                                                                                   |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                           |
| Host                        | Mouse                                                                                                                                                                                                                          |
| Gene ID                     | 1414                                                                                                                                                                                                                           |
| Gene Symbol                 | CRYBB1                                                                                                                                                                                                                         |
| Species                     | Human                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | CRYBB1 - crystallin, beta B1                                                                                                                                                                                                   |
| Immunogen                   | CRYBB1 (NP_001878, 37 a.a. ~ 137 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>TTLAPTTVPITSAKAAELPPGNYRLVVFELNFQGRRAEFSGECSNLADRGFDR<br>VRSIIVSAGPWVAFEQSNFRGEMFILEKGEYPRWNTWSSSYRSDRLM |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                |
| Applications                | Western Blot, ELISA                                                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot 1:500, ELISA                                                                                                                                                                                                      |
| Application Notes           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.                                                                                                                       |

## Images

Western Blot: beta B1 Crystallin Antibody (3D9) [H00001414-M03] - Analysis of CRYBB1 expression in MCF-7 (Cat # L046V1).



ELISA: beta B1 Crystallin Antibody (3D9) [H00001414-M03] - Detection limit for recombinant GST tagged CRYBB1 is approximately 3ng/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 H00001414-M03**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)    |
| NBP1-44470       | Recombinant Human beta B1 Crystallin His 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.

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/H00001414-M03](http://www.novusbio.com/reviews/submit/H00001414-M03)

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

