

# Product Datasheet

## 4-1BB/TNFRSF9/CD137 Antibody (LOB12) [DyLight 405] NB100-63415V

Unit Size: 0.125 ml

Store at 4C in the dark.

[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/NB100-63415V](http://www.novusbio.com/NB100-63415V)

Updated 10/23/2024 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/NB100-63415V](http://www.novusbio.com/reviews/destination/NB100-63415V)



**NB100-63415V****4-1BB/TNFRSF9/CD137 Antibody (LOB12) [DyLight 405]**

| <b>Product Information</b> |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.125 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>               | LOB12                                                                                       |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG2a                                                                                       |
| <b>Conjugate</b>           | DyLight 405                                                                                 |
| <b>Purity</b>              | Protein G purified                                                                          |
| <b>Buffer</b>              | 50mM Sodium Borate                                                                          |

| <b>Product Description</b>     |                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| <b>Host</b>                    | Rat                                                                                                                                                                                   |
| <b>Gene ID</b>                 | 3604                                                                                                                                                                                  |
| <b>Gene Symbol</b>             | TNFRSF9                                                                                                                                                                               |
| <b>Species</b>                 | Mouse                                                                                                                                                                                 |
| <b>Specificity/Sensitivity</b> | NB100-63415 recognises murine CD137 (the murine homologue of human 4-1BB protein). CD137 is expressed by activated T lymphocytes, but not by resting cells.                           |
| <b>Immunogen</b>               | Murine CD137 human Fc fusion protein                                                                                                                                                  |
| <b>Notes</b>                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                     |

| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Flow Cytometry                                                         |
| <b>Recommended Dilutions</b>       | Flow Cytometry                                                         |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



**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 NB100-63415V**

---

|                |                                               |
|----------------|-----------------------------------------------|
| NBP2-34958-5ug | Recombinant Human 4-1BB/TNFRSF9/CD137 Protein |
| 210-TA-005     | TNF-alpha [Unconjugated]                      |
| 937-4B-050     | 4-1BB/TNFRSF9/CD137                           |
| M6000B-1       | IL-6 [HRP]                                    |

---

**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/NB100-63415V](http://www.novusbio.com/reviews/submit/NB100-63415V)

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

