

# Product Datasheet

## IGSF2/CD101 Antibody (BB27) [PE/Atto594] NB100-65269PEATT594

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-65269PEATT594**

IGSF2/CD101 Antibody (BB27) [PE/Atto594]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage                     | Store at 4C in the dark. Do not freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clone                       | BB27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | PE/Atto594                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 9398                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | CD101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | NB100-65269 recognizes human CD101. CD101 is a 140kD homodimeric cell surface glycoprotein expressed primarily by monocytes, granulocytes, dendritic cells and activated T lymphocytes. Studies suggest that CD101 plays a major role in the activation of T cells by skin dendritic cells. Clone BB27 has been reported to inhibit allogeneic T-cell responses (1). Removal of sodium azide is recommended prior to use in functional assays.                                                                                                 |
| Immunogen                   | Human thymic clone B12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |



**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 NB100-65269PEATT594**

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|                    |                                                    |
|--------------------|----------------------------------------------------|
| NBP1-97005PEATT594 | Mouse IgG1 Isotype Control (MG1) [PE/Atto594]      |
| H00009398-Q01-10ug | Recombinant Human IGSF2/CD101 GST (N-Term) Protein |
| 202-IL-010         | IL-2 [Unconjugated]                                |
| 3368-CD-050        | IGSF2/CD101 [Unconjugated]                         |

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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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