

# Product Datasheet

## HLA B7 Antibody (BB7.1) [Janelia Fluor® 549] NB100-64159JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64159JF549**

HLA B7 Antibody (BB7.1) [Janelia Fluor® 549]

| 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.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | BB7.1                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1                                                                                        |
| Conjugate           | Janelia Fluor 549                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                         |
| Gene ID                 | 3106                                                                                                                                                                                                                                                                                          |
| Gene Symbol             | HLA-B                                                                                                                                                                                                                                                                                         |
| Species                 | Human                                                                                                                                                                                                                                                                                         |
| Reactivity Notes        | Reacts with Human. Cross reacts with Cynomolgus Monkey.                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | Recognizes the HLA-B7 antigen and does not cross-react with HLA-B27 or other related antigens. It can be used to distinguish true HLA-B27 positives from false HLA-B27 positives (i.e. HLA-B7 positive) in the investigation of diseases such as ankylosing spondylitis and anterior uveitis. |
| Immunogen               | Papain solubilized HLA-B7 antigen                                                                                                                                                                                                                                                             |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                         |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin    |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin    |
| Application Notes           | 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 NB100-64159JF549**

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| NBP1-97005JF549 | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 549] |
| 210-TA-005      | TNF-alpha [Unconjugated]                             |
| NB120-6405      | MHC Class I Antibody (OX18) - BSA Free               |
| NB100-64775     | HLA ABC Antibody (W6/32)                             |

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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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