

# Product Datasheet

## 2B4/CD244/SLAMF4 Antibody [Janelia Fluor® 646] AF1039J

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/7/2025 v.20.1

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**AF1039J**

2B4/CD244/SLAMF4 Antibody [Janelia Fluor® 646]

| 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                   | Polyclonal                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                             |
| Isotype                     | IgG                                                                                                                                                                                                            |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                              |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                |
| Host                        | Goat                                                                                                                                                                                                           |
| Gene ID                     | 51744                                                                                                                                                                                                          |
| Gene Symbol                 | CD244                                                                                                                                                                                                          |
| Species                     | Human                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Detects human 2B4/CD244/SLAMF4 in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant mouse 2B4, recombinant human (rh) SLAM, rhCD48, and rhCD84 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human 2B4/CD244/SLAMF4 Cys22-Arg221<br>Accession # NP_057466                                                                                                   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                |
| Applications                | Western Blot, Flow Cytometry, Immunohistochemistry, Agonist Activity, CyTOF-ready, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair)               |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Agonist Activity, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), CyTOF-ready               |
| 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF1039J**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJ     | Goat IgG Isotype Control [Janelia Fluor 646] |
| NBP1-76558PEP | 2B4/CD244/SLAMF4 Antibody Blocking Peptide   |
| 285-IF-100    | IFN-gamma [Unconjugated]                     |
| 1039-2B-050   | 2B4/CD244/SLAMF4                             |

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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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