

# Product Datasheet

## **BCAM/CD239 Antibody (BRIC221) [Janelia Fluor® 669] NB100-66523JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-66523JF669**

BCAM/CD239 Antibody (BRIC221) [Janelia Fluor® 669]

| 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                       | BRIC221                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conjugate                   | Janelia Fluor 669                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 4059                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol                 | BCAM                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity/Sensitivity     | NB100-66523 recognizes a non-polymorphic determinant on both the 85 and 78kD Lutheran (Lu) glycoproteins. BRIC 221 specifically recognizes an epitope in the fourth extracellular domain of Lu glycoprotein. Lutheran glycoprotein is a member of the immunoglobulin superfamily and has recently been designated CD239 (B-CAM) at the 7th leucocyte typing workshop. CD239 is expressed by erythrocytes in the peripheral blood. |
| Immunogen                   | Human erythrocytes                                                                                                                                                                                                                                                                                                                                                                                                                |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                            |





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### **Products Related to NB100-66523JF669**

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|               |                                        |
|---------------|----------------------------------------|
| NBP2-31994PEP | BCAM/CD239 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]               |
| 11174-BC-050  | BCAM/CD239 [Unconjugated]              |
| 202-IL-010    | IL-2 [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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