

# Product Datasheet

## Glycophorin C Antibody (BRIC4) [Biotin] NBP2-33304B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33304B**

Glycophorin C Antibody (BRIC4) [Biotin]

| 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                       | BRIC4                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                   | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Description                 | 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.                                                                                                                                                                                                                                     |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                     | 2995                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | GYPC                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | NBP2-33304 recognises the erythrocyte transmembrane glycoprotein CD236, also known as glycophorin C (GPC). CD236 is an integral membrane protein which carries the Gerbich blood group antigens. Expression of CD236 is not restricted to erythroid cells, but is broadly distributed in both erythroid and non-erythroid tissues. Clone BRIC4 specifically reacts with an epitope located within residues 2-21 of CD236. |
| Immunogen                   | Human erythrocytes                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot, Flow Cytometry, Haemagglutination, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Haemagglutination                                                                                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                    |





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### **Products Related to NBP2-33304B**

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|                 |                                             |
|-----------------|---------------------------------------------|
| NBP2-29370      | Streptavidin Native Protein                 |
| NBP1-96888      | Mouse IgG1 Isotype Control (MG1) [Biotin]   |
| NBP2-59568-50ug | Recombinant Human Glycophorin C His Protein |
| 7770-GT-020     | Fucosyltransferase 2/FUT2                   |

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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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