

# Product Datasheet

## IgM Antibody (IM260) [Allophycocyanin] NBP2-34649APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34649APC**

IgM Antibody (IM260) [Allophycocyanin]

| 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                       | IM260                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 3507                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | IGHM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Marker                      | B-Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | Recognizes a protein of 75kDa, identified as mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This monoclonal antibody is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin s lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant. |
| Immunogen                   | Recombinant heavy chain of human IgM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Notes                       | 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.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



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**Products Related to NBP2-34649APC**

|                    |                                                      |
|--------------------|------------------------------------------------------|
| IC002A             | Mouse IgG1 Isotype Control (11711) [Allophycocyanin] |
| H00003507-P01-10ug | Recombinant Human IgM GST (N-Term) Protein           |
| 7268-CT-100        | CTLA-4 [Unconjugated]                                |
| NBP2-62224         | Non-species specific IgM Isotype Control (PFR-03)    |

**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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