

# Product Datasheet

## Mitotic Cells Antibody (8B3G) [DyLight 680] NBP1-97684FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97684FR**

Mitotic Cells Antibody (8B3G) [DyLight 680]

| <b>Product Information</b> |   |
|----------------------------|---|
| <b>Unit Size</b>           | 0.1 ml  |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C in the dark.  |
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone</b>               | 8B3G  |
| <b>Preservative</b>        | 0.05% Sodium Azide  |
| <b>Isotype</b>             | IgM   |
| <b>Conjugate</b>           | DyLight 680   |
| <b>Purity</b>              | Protein A or G purified   |
| <b>Buffer</b>              | 50mM Sodium Borate  |

| <b>Product Description</b>     |  |
|--------------------------------|--|
| <b>Host</b>                    | Mouse  |
| <b>Species</b>                 | Human, Zebrafish   |
| <b>Reactivity Notes</b>        | Human  |
| <b>Specificity/Sensitivity</b> | This antibody strongly stains mitotic cells and can therefore be used in flow cytometric analyses of cell suspensions to detect the mitotic index. Together with a quantitative DNA staining procedure (e.g. propidium iodide), it clearly distinguishes these M-phase cells from cell at other stages of the cell cycle (see figure). Dynamic information can be obtained by combining BrdU incorporation with staining, which can distinguish and quantitate the four major fractions of the cell cycle. |
| <b>Immunogen</b>               | Derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a mouse immunized with a total cell lysate of the human bladder carcinoma cell line T24.  |
| <b>Notes</b>                   | Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. 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.  |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence |





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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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