

Product Datasheet

Mitotic Cells Antibody (8B3G) [Alexa Fluor® 647] NBP1-97684AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-97684AF647

Mitotic Cells Antibody (8B3G) [Alexa Fluor® 647]

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	8B3G
Preservative	0.05% Sodium Azide
Isotype	IgM
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Human, Zebrafish
Reactivity Notes	Human
Specificity/Sensitivity	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.
Immunogen	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.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . 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	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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