

Product Datasheet

Mitotic Cells Antibody (8B3G) [DyLight 755] NBP1-97684IR

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97684IR

Updated 11/1/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-97684IR



NBP1-97684IR

Mitotic Cells Antibody (8B3G) [DyLight 755]

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	DyLight 755
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	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.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-97684IR

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

