

## Datasheet: FCSC580

**BATCH NUMBER 161974**

<b>Description:</b>	FLOW CYTOMETRY ABSOLUTE COUNT STANDARD™
<b>Name:</b>	FLOW CYTOMETRY ABSOLUTE COUNT STANDARD™
<b>Format:</b>	Flow Cytometry Validation Reagent
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	20 TESTS

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	0.01% Gelatin ≤ 0.05% Tween 20 0.09% Sodium Azide (NaN <sub>3</sub> )
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<b>Product Information</b>	<b>Flow Cytometry Absolute Count Standard</b> is a suspension of microspheres that are approximately the size of human lymphocytes (7-9µm) and are presented as a known concentration. They are internally labeled with multiple fluorochromes and the combination of dyes allows the beads to be excited by a common argon laser (488nm) and emit in the three standard channels of a flow cytometer (FL1, FL2, FL3).
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<b>Intended Use</b>	<b>Flow Cytometry Absolute Count Standard™</b> is intended for use as an internal counting standard. It is designed for use in the proper set-up of flow cytometers and cell counters and for the accurate enumeration of cells or particles.
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<b>Reagents In The Kit</b>	1 bottle containing 10ml of microspheres
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<b>Instructions For Use</b>	Instructions for use can be found at <a href="http://www.bio-rad-antibodies.com/uploads/IFU/FCSC580.pdf">www.bio-rad-antibodies.com/uploads/IFU/FCSC580.pdf</a>
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<b>References</b>	<p>1. McDonald, J.U. <i>et al.</i> (2011) <i>In vivo</i> functional analysis and genetic modification of <i>in vitro</i>-derived mouse neutrophils. <a href="#">FASEB J. 25 (6): 1972-82.</a></p> <p>2. Dunsterville, C. <i>et al.</i> (2019) The Use of Dual-Cell-Tracker Dye Staining for the Identification and Characterization of Peanut-Specific T-Cell Subsets. <a href="#">Methods Mol Biol. 2020: 143-52.</a></p>
<b>Storage</b>	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Acknowledgements</b>	Absolute Count Standard™ is a trademark of Bangs Laboratories, INC.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10042 available at: <a href="https://www.bio-rad-antibodies.com/SDS/FCSC580">https://www.bio-rad-antibodies.com/SDS/FCSC580</a></p> <p>10042</p>
<b>Regulatory</b>	For research purposes only

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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