

## 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</b>	0.01% Gelatin
<b>Stabilisers</b>	≤ 0.05% Tween 20 0.09% Sodium Azide (NaN <sub>3</sub> )

<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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**References** 1. McDonald, J.U. *et al.* (2011) *In vivo* functional analysis and genetic modification of *in vitro*-derived mouse neutrophils. [FASEB J. 25 \(6\): 1972-82.](#)  
2. Dunsterville, C. *et al.* (2019) The Use of Dual-Cell-Tracker Dye Staining for the Identification and Characterization of Peanut-Specific T-Cell Subsets. [Methods Mol Biol. 2020: 143-52.](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. This product is photosensitive and should be protected from light.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Acknowledgements** Absolute Count Standard™ is a trademark of Bangs Laboratories, INC.

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**Health And Safety Information** Material Safety Datasheet documentation #10042 available at:  
<https://www.bio-rad-antibodies.com/SDS/FCSC580>  
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**Regulatory** For research purposes only

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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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