

## Datasheet: FCSC580

**BATCH NUMBER 157398**

<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.

**Buffer Solution** Phosphate buffered saline

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

**Product Information** **Flow Cytometry Absolute Count Standard** 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).

**Intended Use** **Flow Cytometry Absolute Count Standard™** 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.

**Reagents In The Kit** 1 bottle containing 10ml of microspheres

**Instructions For Use** Instructions for use can be found at [www.bio-rad-antibodies.com/uploads/IFU/FCSC580.pdf](http://www.bio-rad-antibodies.com/uploads/IFU/FCSC580.pdf)

---

**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.](#)

---

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

---

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

---

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

---

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

---

**Regulatory** 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>
----------------------------------	---	------------------	---	---------------	---

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)  
'M350337:190307'

Printed on 12 Aug 2023

---

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)