

## Datasheet: FCSC580

<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.](https://doi.org/10.1093/faseb/25.6.1972)

**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.

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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:  
10042: <https://www.bio-rad-antibodies.com/uploads/MSDS/10042.pdf>

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**Regulatory**                    For research purposes only

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