

Datasheet: FCSC580

Description:	FLOW CYTOMETRY ABSOLUTE COUNT STANDARD™
Name:	FLOW CYTOMETRY ABSOLUTE COUNT STANDARD™
Format:	Flow Cytometry Validation Reagent
Product Type:	Accessory Reagent
Quantity:	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.

	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 (NaN₃)

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

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>
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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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