

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.](https://doi.org/10.1093/ajph/101.12.1972)

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

Shelf Life Please see label for expiry date.

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

Health And Safety Information Material Safety Datasheet documentation #10042 available at:
10042: <https://www.bio-rad-antibodies.com/uploads/MSDS/10042.pdf>

Regulatory For research purposes only

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