

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.
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Preservative	0.01% Gelatin
Stabilisers	≤ 0.05% Tween 20
	0.09% Sodium Azide (NaN ₃)

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).
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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.
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Reagents In The Kit	1 bottle containing 10ml of microspheres.
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Instructions For Use	Instructions for use can be found at www.bio-rad-antibodies.com/uploads/IFU/FCSC580.pdf
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References	1. McDonald, J.U. <i>et al.</i> (2011) <i>In vivo</i> functional analysis and genetic modification of <i>in vitro</i> -derived mouse neutrophils. FASEB J. 25 (6): 1972-82. 2. Dunsterville, C. <i>et al.</i> (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	This product is shipped at ambient temperature. 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/FCSC58010042
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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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Printed on 23 May 2025