Technical Data Sheet

Fluorescent Cell Barcoding Wash Buffer

Product Information

Material Number:	**561550**
Size:	500 ml
Reactivity:	QC Testing: Human
Storage Buffer:	Aqueous buffered solution containing BSA, fetal bovine serum and ≤0.09% sodium azide.

Description

BD Phosflow™ Fluorescent Cell Barcoding Wash Buffer can be used for washing and staining cells after Fluorescent Cell Barcoding, ie, labeling cells with Cell Barcoding Dyes (either CBD450 or CBD500 dye or mixtures of both). Moreover, the Fluorescent Cell Barcoding Wash Buffer is useful for the dilution and application of fluorescent antibodies to barcoded cells as well as for the suspension, washing, and short-term storage of barcoded cells destined for flow cytometric analysis. Fluorescent Cell Barcoding Wash Buffer is formulated as a neutral pH (pH 7.4) -buffered salt solution that is supplemented with fetal bovine serum and bovine serum albumin. As such, Fluorescent Cell Barcoding Wash Buffer is designed to maintain single-cell suspensions well and to maximize fluorescence signal intensities. The Fluorescent Cell Barcoding Wash Buffer contains the metabolic inhibitor, sodium azide as a preservative.

Preparation and Storage

Store undiluted at 4°C.

Application Notes

Application

Intracellular staining (flow cytometry)	Routinely Tested

Recommended Assay Procedure:

Dilute BD Phosflow™ Fluorescent Cell Barcoding Wash Buffer 1:4 in 1× Phosphate Buffered Saline (PBS) (ie, 1 volume of Wash Buffer plus 3 parts PBS).

For detailed instructions on the use of the BD Phosflow™ Fluorescent Cell Barcoding Wash Buffer, refer to the Technical Data Sheet for the BD Phosflow™ Violet Fluorescent Cell Barcoding Dyes (Cat. No. 561570). Please see the *Suggested Companion Products* section of this Technical Data Sheet.

Suggested Companion Products

Catalog Number	Name	Size	Clone
561570	Violet Fluorescent Cell Barcoding Kit	800 tests	(none)

Product Notices

1. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
2. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
3. Patent Pending.
4. Reagents which contain preservatives may be toxic if ingested, inhaled, or in contact with skin.
5. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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