

True-Stain Monocyte Blocker™

Catalog# / Size	426101 / 25 tests 426102 / 100 tests 426103 / 500 tests
Regulatory Status	RUO
Other Names	Cyanine dye blocking solution
Description	True-Stain Monocyte Blocker™ has been formulated to block non-specific binding of PE/Dazzle™ 594, PE/Cy5, PE/Cy7, APC/Cy7 and APC/Fire™ 750 commonly seen on monocytes and macrophages. The blocker is most effective when doing surface staining on live cells prior to the fixation step in a staining protocol. Learn more.

Product Details

Storage & Handling	Upon receipt, store between 2°C and 8°C. Do not freeze.
Application	FC - Quality tested
Application Notes	Add 5 µl of the True-Stain Monocyte Blocker™ to a suspension of cells immediately prior to the addition of antibodies, or mixed into the antibody cocktail, so that the final staining volume will equal 100 µl. This step can be performed at room temperature or on ice (2-8°C).
Additional Product Notes	View more applications data for this product in our Scientific Poster Library .
Product Citations	<ol style="list-style-type: none"> 1. Coronel MM, <i>et al.</i> 2020. Sci Adv. 6:eaba5573. PubMed 2. Herland A, <i>et al.</i> 2020. Nat Biomed Eng. 421:4. PubMed 3. Santopaulo M, <i>et al.</i> 2021. Front Immunol. 609406:12. PubMed

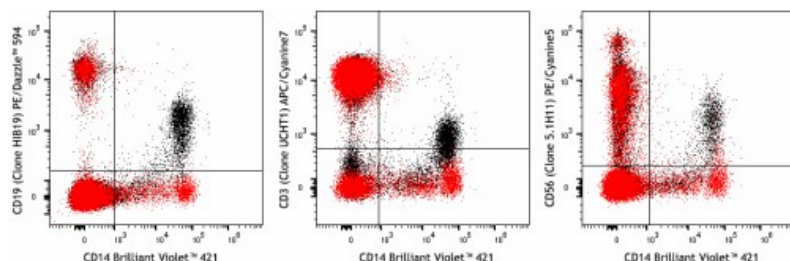
Antigen Details

Gene ID	NA
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Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Product Data



Human peripheral blood mononuclear cells were either untreated (black) or treated with True-Stain Monocyte Blocker™ (red) and stained with CD14 (clone HCD14) Brilliant Violet™ 421 and CD19 (clone HIB19) PE/Dazzle™ 594 (left), CD3 (clone UCHT1) APC/Cyanine7 (middle), or CD56 (clone 5.1H11) PE/Cyanine5.

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