

## True-Stain Monocyte Blocker™

<b>Catalog# / Size</b>	426101 / 25 tests 426102 / 100 tests 426103 / 500 tests
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Cyanine dye blocking solution
<b>Description</b>	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. <a href="#">Learn more.</a>

### Product Details

<b>Storage &amp; Handling</b>	Upon receipt, store between 2°C and 8°C. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Application Notes</b>	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).
<b>Additional Product Notes</b>	View more applications data for this product in our <a href="#">Scientific Poster Library</a> .
<b>Product Citations</b>	<ol style="list-style-type: none"> <li>1. Coronel MM, <i>et al.</i> 2020. Sci Adv. 6:eaba5573. <a href="#">PubMed</a></li> <li>2. Herland A, <i>et al.</i> 2020. Nat Biomed Eng. 421:4. <a href="#">PubMed</a></li> <li>3. Santopalo M, <i>et al.</i> 2021. Front Immunol. 609406:12. <a href="#">PubMed</a></li> </ol>

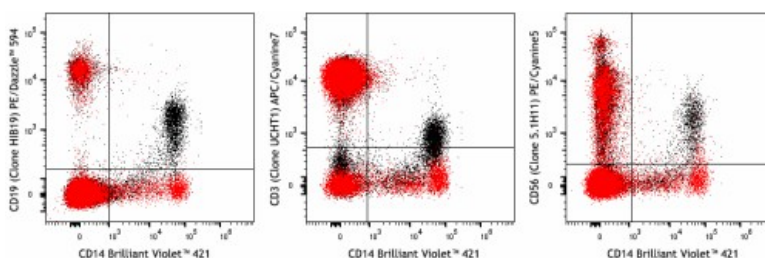
### Antigen Details

<b>Gene ID</b>	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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