

Cell-Vive™ CD Human TruStain FcX™, GMP

Catalog# / Size	420510 / 100 tests
Other Names	Fc Receptor Blocking Solution
Description	Human Fc receptors (FcRs) are molecules that regulate the immune responses. FcRs are expressed by several hematopoietic cells. Due to FcRs-mediated Ig Fc binding, false positive or false negative results of immunofluorescent staining could occur. Cell-Vive™ CD Human TruStain FcX™, GMP is specially formulated to block the FcR-involved unwanted staining without interfering with the antibody-mediated specific staining of human cells. Cell-Vive™ CD Human TruStain FcX™, GMP is compatible with flow cytometric staining with anti-human CD16 (clone 3G8), CD32 (clone FUN-2), and CD64 (clone 10.1) antibodies.

Product Details

Formulation	Serum -Free, Chemically-Defined
Storage & Handling	Store between 2° - 8°C
Application	FC - Quality tested
Recommended Usage	5 µl of Cell-Vive™ CD Human TruStain FcX™, GMP per million cells in 100 µl staining buffer.
Application Notes	This buffer contains specialized human IgG. It is not recommended to be used for staining human IgG. Handle as biohazard agent. Add 5 µl of Cell-Vive™ CD Human TruStain FcX™, GMP per million cells in 100 µl staining buffer, mix and incubate at room temperature for 5-10 minutes prior to staining with antibody of interest. It is not necessary to wash cells between these blocking and immunostaining steps.

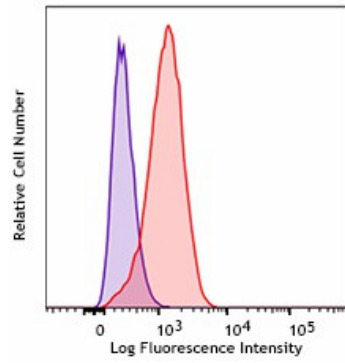
Antigen Details

Antigen References	<ol style="list-style-type: none">1. Bruhns P, 2012. <i>Blood</i>. 119:5640-92. Patera A, et al. 2016. <i>J Leukoc Biol</i>. 100:1239-1254. PubMed3. Kreutmair S, et al. 2021. <i>Immunity</i>. 54:1578-1593. PubMed
Gene ID	NA

Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Product Data



THP-1 cells were treated with Cell-Vive™ CD Human TruStain FcX™, GMP followed by staining with an irrelevant PE mouse IgG2a, κ Isotype (clone MOPC-173, purple histogram). Non-specific binding of the same antibody on untreated cells is shown in red.

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