

Human TruStain FcX™, GMP

Catalog# / Size	422305 / 50 tests 422304 / 200 tests
Other Names	Fc Blocker, FcγR blocker, Fc inhibitor
Description	Human Fc receptors (FcRs) are expressed on a variety of cells, such as monocytes, granulocytes, B cells and dendritic cells. The cells with FcR expression sometimes give false positive or false negative results of immunofluorescent staining due to the FcRs-mediated Ig Fc binding. Human TruStain FcX™ is specially formulated for blocking the FcR-involved unwanted staining without interfering with antibody-mediated specific staining of human cells. Human TruStain FcX™ 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	Human IgG in PBS containing 0.09% sodium azide
Storage & Handling	Store between 2°C-8°C
Application	FC - Quality tested
Recommended Usage	It is recommended to add 5 μl of Human TruStain FcX™ per million cells in 100 μl staining volume, 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.
Application Notes	This buffer contains specialized human IgG in PBS containing 0.09% sodium azide. It is not recommended to be used for staining human IgG. Handle as biohazard agent.

Application References

(PubMed link indicates BioLegend citation)

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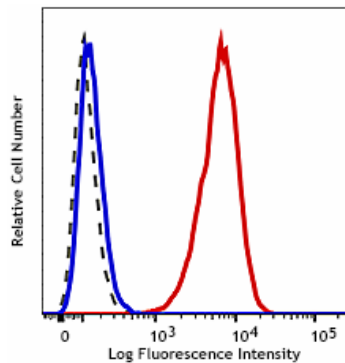
Antigen Details

Molecular Family	Fc Receptors
Gene ID	NA

Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Product Data



Human TruStain FcX™ treated (blue) or non-treated (red) THP-1 cells stained with an irrelevant mouse IgG2a PE mAb. Dotted histogram represents unstained cells.

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