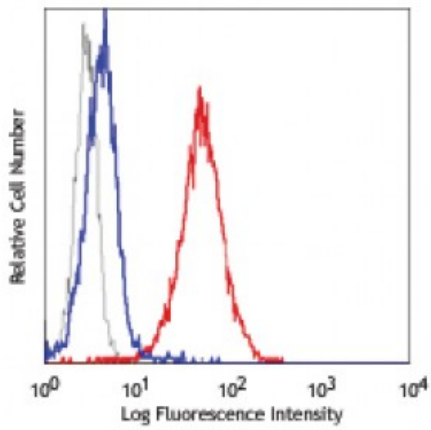
SONY

Product Data Sheet

Human TruStain FcX™ (Fc Receptor Blocking Solution)

Catalog # / Size: 2711510 / 200 tests
2711505 / 50 tests

Concentration: NULL



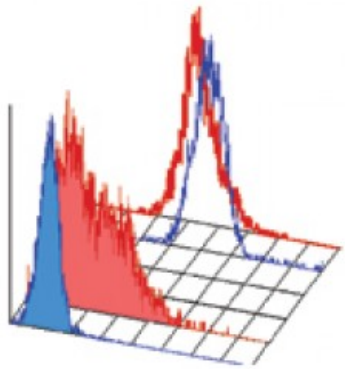
Human TruStain FcX™ treated (blue) or non-treated (red) THP-1 cells stained with an irrelevant mouse IgG1 PE mAb (above). Dotted histogram represents unstained cells.

Applications:

Applications: Immunohistochemistry

Recommended Usage: It is recommended to add 5 microL of Human TruStain FcX™ per million cells in 100 microL 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.



Human TruStain FcX™ treated (filled histograms) or non-treated (open histograms) THP-1 cells stained with anti-human HLA-DR PE (red) or an isotype control (IgG2a PE, blue) mAbs. Note: non-treated cells show false-negative HLA-DR staining due to high

Application References:

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24. Wilkinson-Ryan I, *et al.* 2015. *PLoS One.*10:125851. P

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.

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