

EasyStain™ Human Fc Receptor Blocking Solution

Cat. No: E-CK-A171

Size: 50 Tests/200 Tests

Cat. No	Product	50 Tests	200 Tests	Storage
E-CK-A171	EasyStain™ Human Fc Receptor Blocking Solution	250 µL	1 mL	2-8°C
	Manual		1 copy	

Storage

Store at 2~8°C. Valid for 12 months.

Introduction

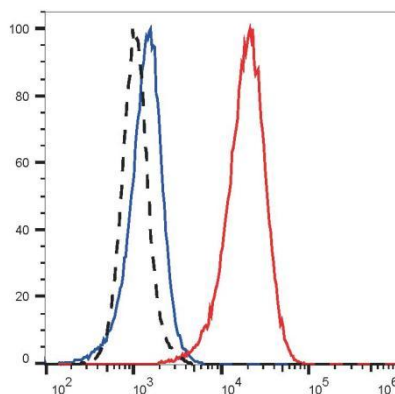
Human Fc receptors (FcRs) are expressed on a variety of cells, such as monocytes, granulocytes, B cells and dendritic cells. The cells with FcR expression sometimes give false positive or false negative results of immunofluorescent staining due to the FcRs-mediated Ig Fc binding. EasyStain™ Human Fc Receptor Blocking Solution is specially formulated for blocking the FcR-involved unwanted staining without interfering with antibody-mediated specific staining of human cells. EasyStain™ Human Fc Receptor Blocking Solution is compatible with flow cytometric staining with anti-human CD16 (clone 3G8), CD32 (clone IV-3), CD32 (clone AT10), CD32 (clone MDE-8), and CD64 (clone 10.1) antibodies.

Experimental Operation

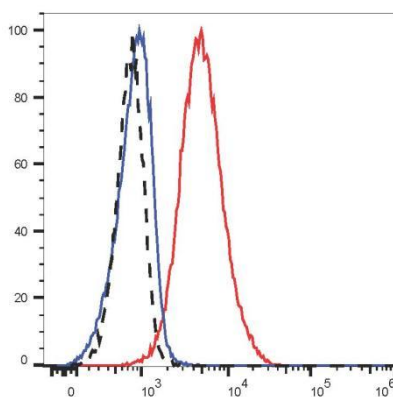
Prepare a single-cell suspension as required by the experiment. Add Cell Staining Buffer [E-CK-A107] to adjust the cell density to $5-10 \times 10^6$ cells/mL. For every 100 µL reaction system, add 5 µL of EasyStain™ Human Fc Receptor Blocking Solution. Mix well and incubate at room temperature for 10 minutes. After incubation, no washing step is required. Proceed directly to staining with Flow Cytometry antibodies according to the antibody instructions.

For Research Use Only

Typical data



EasyStain™ Human Fc Receptor Blocking Solution treated (blue) or non-treated (red) THP-1 cells stained with PE Mouse IgG2a, κ Isotype Control[C1.18.4] (E-AB-F09802D) . Black histogram represents unstained cells.



EasyStain™ Human Fc Receptor Blocking Solution treated (blue) or non-treated (red) THP-1 cells stained with PE Rat IgG2b, κ Isotype Control[LTF-2] (E-AB-F09842D) . Black histogram represents unstained cells.

Cautions

1. This kit is for research use only.
2. Please take safety precautions and follow the procedures of laboratory reagent operation.
3. Store the product under the recommended conditions.
4. This product contains Human IgG and is not recommended to be used for staining human IgG.
5. It is recommended to incubate for 10 minutes. If a shorter incubation time is required, pre-experimental validation is required.

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