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Not for use in diagnostic procedures.

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Human IgG1 isotype control chimeric mAb

CODE No.	M194-3
CLONALITY	Monoclonal
CLONE	2E12G1-2
ISOTYPE	Human IgG1
QUANTITY	100 µL, 1 mg/mL
SOURCE	Purified IgG from transfectant. This antibody consists both variable region of mouse IgG1 isotype control, clone 2E12 (MBL; code no. M075-3) and constant region of human IgG1.
FORMULATION	PBS containing 50% Glycerol (pH 7.2). No preservative is contained.
STORAGE	This antibody solution is stable for one year from the date of purchase when stored at -20°C.

APPLICATION-CONFIRMED

Flow cytometry

This antibody can be used as a negative control.
The concentration will depend on the conditions.

For more information, please visit our web site https://ruo.mbl.co.jp/

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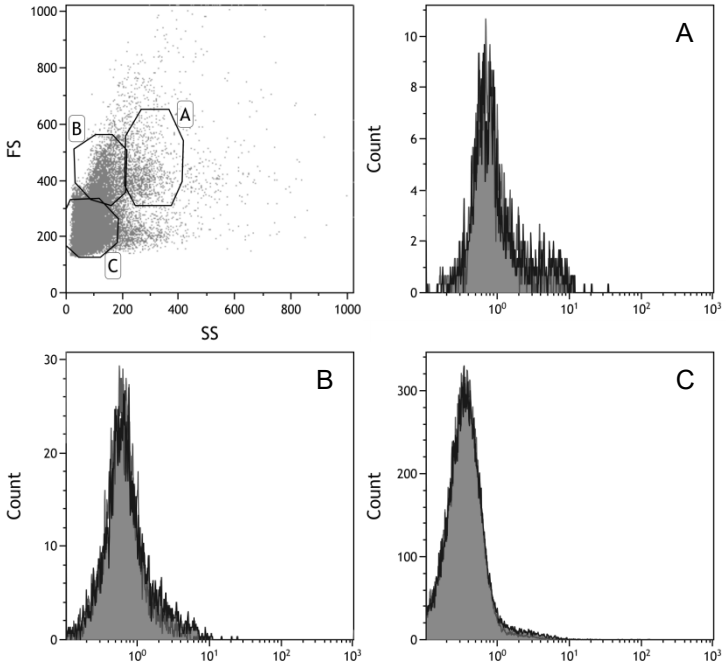
The descriptions of the following protocols are examples. Each user should determine the appropriate condition.

Flow cytometric analysis

1) Wash the cells (2.5 x 10^5 cells/sample) 1 time with 1 mL of washing buffer (0.5% BSA, 2 mM EDTA in PBS).
2) Add 20 μL of 10 μg/mL anti-CD16/CD32 (mouse) (Becton Dickinson; code no. 553141) to the cell pellet after tapping. Mix well and incubate for 10 min. at 4°C.
3) Add 50 μL of 10 μg/mL the primary antibody diluted in the washing buffer. Mix well and incubate for 30 min. at 4°C.
4) Wash the cells 2 times with 1 mL of washing buffer.
5) Add 20 μL of 1:100 Anti-IgG (Human) pAb-FITC (MBL; code no. 214) diluted with the washing buffer. Mix well and incubate for 15 min. at room temperature.
6) Wash the cells 2 times with 1 mL of washing buffer.
7) Resuspend the cells with 500 μL of the washing buffer and analyze by a flow cytometer.



Flow cytometric analysis of human IgG1 isotype control chimeric mAb on mouse splenocyte

Closed: Isotype control (10 μg/mL)
Open: Unstained