

Anti-Fc μ R (TOSO/FAIM3) (Mouse) mAb -FITC

CODE No. D303-4
CLONALITY Monoclonal
CLONE #4B5
ISOTYPE Rat IgG1 κ
QUANTITY 100 μ L, 500 μ g/mL

SOURCE Purified IgG from hybridoma supernatant
FORMULATION PBS containing 1% BSA and 0.09% NaN₃

*Azide may react with copper or lead in plumbing system to form explosive metal azides. Therefore, always flush plenty of water when disposing materials containing azide into drain.

STORAGE This antibody solution is stable for one year from the date of purchase when stored at 4°C.

APPLICATION-CONFIRMED

Flow cytometry 10-20 μ g/mL (final concentration)

SPECIES CROSS REACTIVITY on FCM

| Species | Human | Mouse | Rat | Hamster |
|------------|------------|--------------|------------|------------|
| Cells | Not tested | Transfectant | Not tested | Not tested |
| Reactivity | | + | | |

Entrez Gene ID 69169 (Mouse)

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

RELATED PRODUCTS

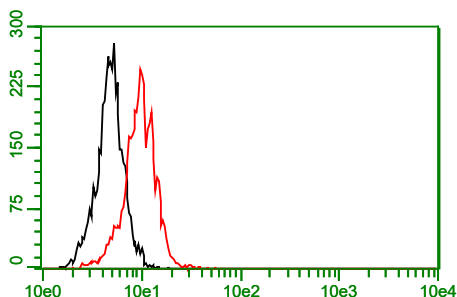
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The descriptions of the following protocols are examples. Each user should determine the appropriate condition.

Flow cytometric analysis for adherent cells

- 1) Detach the cells from culture dish.
- 2) Wash the cells 1 time with 1 mL of the washing buffer [PBS containing 2% fetal calf serum (FCS)].
- 3) Resuspend the cells with the washing buffer (5×10^6 cells/mL).
- 4) Add 100 μ L of the cell suspension into each tube, and centrifuge at 500 x g for 1 min. at room temperature (20~25°C).
Remove supernatant by careful aspiration.
- 5) Add 20 μ L of Clear Back (human Fc receptor blocking reagent, MBL; code no. MTG-001) to the cell pellet after tapping.
Mix well and incubate for 5 min. at room temperature.
- 6) Add 40 μ L of the primary antibody at the concentration as suggested in the **APPLICATION** diluted in the washing buffer
Mix well and incubate for 30 min. at 4°C.
- 7) Wash the cells 2 times with 1 mL of the washing buffer.
- 8) Resuspend the cells with 500 μ L of the washing buffer and analyze by a flow cytometer.

(Positive control for Flow cytometry; transfectant)



Flow cytometric detection of HA-tagged mouse Fc μ R (TOSO/FAIM3) in HeLa

Red: Anti- Fc μ R (TOSO/FAIM3) mAb-FITC (D303-4)
Black: Isotype control (MBL; code no. M080-4)