For Research Use Only.
Not for use in diagnostic procedures.

Normal Chicken IgY-FITC

CODE No. PM084-4

CLONALITY Polyclonal
ISOTYPE Chicken IgY
QUANTITY 100 µL, 1 mg/mL

SOURCE Purified IgY from egg yolks
REACYIVITY No specific reaction was detected on Flow cytometry.
FORMURATION PBS containing 1% BSA and 0.09% NaN_3
*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

Flow cytometry

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

SPECIES CROSS REACTIVITY on FCM

Species	Human	Mouse	Rat	Hamster
Cell	Lymphocytes, whole blood	L	Not tested	Not tested
Reactivity	-	-		

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

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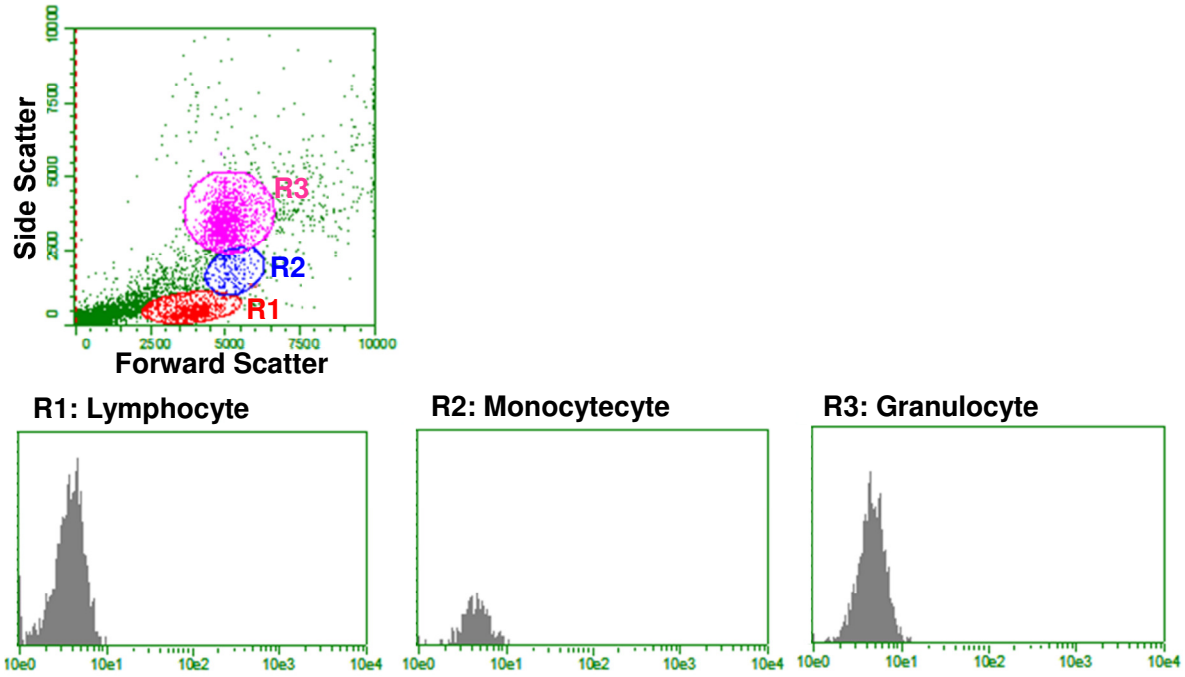
RELATED PRODUCTS

PM084	Normal Chicken IgY
CM004-3	Anti-SynCAM (TSLC1/CADM1) mAb
CM004-4	Anti-SynCAM (TSLC1/CADM1) mAb -FITC
CM004-6	Anti-SynCAM (TSLC1/CADM1) mAb -Biotin
CM004-A64	Anti-SynCAM (TSLC1/CADM1) mAb -Alexa Fluor® 647
CM005-3	Anti-SynCAM (TSLC1/CADM1) (Human) mAb

Flow cytometric analysis for whole blood cells

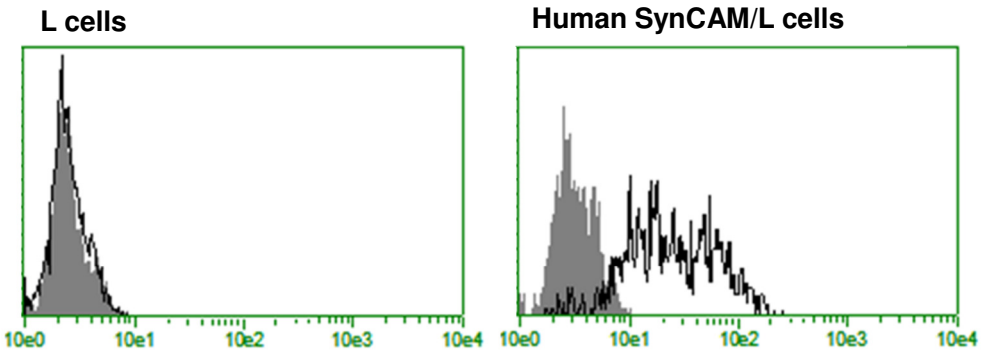
1) Dispense 100 µL of whole blood into each tube.
2) Add 10 µL of Clear Back (human Fc receptor blocking reagent, MBL; code no. MTG-001) to the each tube. Mix well and incubate for 10 min. at room temperature.
3) Add 40 µL of the isotype control antibody at the concentrations comparable to those of the specific antibody of interest. The antibody is diluted with the washing buffer [PBS containing 2% fetal calf serum (FCS) and 0.1% NaN_3] into each tube. Mix well and incubate for 30 min. at room temperature.
4) Add 1 mL of the washing buffer followed by centrifugation at 500 x g for 1 min. at room temperature. Remove supernatant by careful aspiration.
5) Lyse with OptiLyse C (for analysis on Beckman Coulter instruments, Beckman Coulter; code no. A11895) or OptiLyse B (for analysis on BD instruments, Beckman Coulter; code no. IM-1400), using the procedure recommended in the respective package inserts.
6) Add 1 mL of distilled water to each tube and incubate for 10 min. at room temperature.
7) Centrifuge at 500 x g for 1 min. at room temperature. Remove supernatant by careful aspiration.
8) Add 1 mL of the washing buffer followed by centrifugation at 500 x g for 1 min. at room temperature. Remove supernatant by careful aspiration.
9) Resuspend the cells with 500 µL of the washing buffer and analyze by a flow cytometer.



Reactivity of Normal Chicken IgY to human PBMC
Antibody: Normal Chicken IgY-FITC (PM084-4) (5 µg/mL)

Flow cytometric analysis for cells

1) Wash the cells (5 x 10^5 cells/sample) 1 time with 1 mL of the washing buffer [PBS containing 2% fetal calf serum (FCS)].
2) Add 10 µL of Clear Back (human Fc receptor blocking reagent, MBL; code no. MTG-001) to the cell pellet after tapping. Mix well and incubate for 10 min. at room temperature.
3) Add 40 µL of the isotype control antibody at the concentrations comparable to those of the specific antibody of interest. The antibody is diluted with the washing buffer. Mix well and incubate for 30 min. at room temperature.
4) Wash the cells 1 time with 1 mL of the washing buffer.
5) Resuspend the cells with 500 µL of the washing buffer and analyze by a flow cytometer.



Flow cytometric detection of human SynCAM
Open: Anti-SynCAM mAb-FITC (CM004-4) (1 µg/mL)
Closed: Normal Chicken IgY-FITC (PM084-4) (1 µg/mL)