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Not for use in diagnostic procedures.

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Anti-SynCAM (TSLC1/CADM1) mAb-PE

CODE No.   CM004-5

CLONALITY   Monoclonal
CLONE   3E1
ISOTYPE   Chicken IgY
QUANTITY   1 mL (50 tests)

SOURCE   Purified IgY from hybridoma supernatant
IMMUNOGEN   Recombinant SynCAM-Fc fusion protein
FORMULATION   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   20 μL (ready for use)

SPECIES CROSS REACTIVITY on FCM

Species	Human	Mouse	Rat	Hamster
Cell	Transfectant	Not tested	Not tested	Not tested
Reactivity	+			

Entrez Gene ID   23705 (Human)

**REFERENCE**   1) Ishihara, Y., *et al., J. Virol.* **91**, e00974-17 (2017) [FCM]

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

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

Flow cytometric analysis

1) Wash the cells (5 x 10^5 cells/sample) 3 times with 1 mL of Washing buffer [2% fetal calf serum (FCS) in PBS].

2) Add 10 μL of Clear Back (MBL; code no. MTG-001) to the cell pellet after tapping. Mix well and incubate for 10 min. at room temperature.

3) Add 20 μL of the primary antibody as suggested in the **APPLICATION**. Mix well and incubate for 20 min. at room temperature.

4) Wash the cells once with 1 mL of the Washing buffer.

5) Resuspend the cells with 500 μL of the Washing buffer and analyze by a flow cytometer.

(Positive control for Flow cytometry; Transfectant)
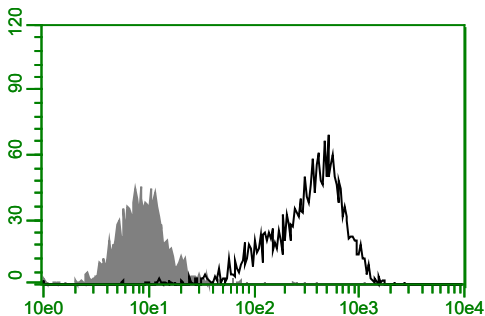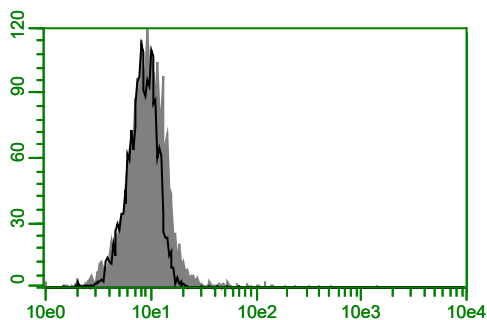
Flow cytometric detection of human SynCAM

Upper: Parental cell
Lower: SynCAM transfectant

Open: Anti-SynCAM (TSLC1/CADM1) mAb-PE (MBL, code no. CM004-5)
Closed: Normal Chicken IgY (MBL, code no. PM084)