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

MBL
A JSR Life Sciences Company

Anti-Stabilin-2 (Mouse) mAb

CODE No. D317-3

CLONALITY Monoclonal
CLONE #34-2
ISOTYPE Rat IgG2a
QUANTITY 100 µL, 1 mg/mL

SOURCE Purified IgG from hybridoma supernatant
IMMUNOGEN Ba/F3 transfectant, 1,144 aa-2,497 aa
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	5 µg/mL

APPLICATIONS-REPORTED

Western blotting	3 µg/mL
Immunocytochemistry	2.5 µg/mL
Immunohistochemistry	5 µg/mL
Neutralization	3 mg/kg

SPECIES CROSS REACTIVITY on FCM

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

Entrez Gene ID 192188 (Mouse)

REFERENCES

1) McMahan, R. H., *et al., PLoS One* **11**, e0159217 (2016) [FCM]
2) Ohyagi, H., *et al., Immunity* **39**, 584-598 (2013) [FCM]
3) Hirose, Y., *et al.*, *PNAS.* **109**, 4263-4268 (2012) [WB, Neut]
4) Nonaka, H., *et al., Biochem. Biophys. Res. Commun.* **375**, 256-260 (2008) [IC, FCM]
5) Nonaka, H., *et al.*, *Dev. Dyn.* **236**, 2258-2267 (2007) [IC, IHC-Fr, FCM]

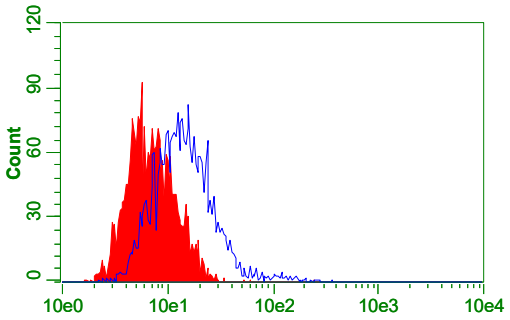
For more information, please visit our web site **https://ruo.mbl.co.jp/**.

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

Flow cytometric analysis

1) Wash the cells (3 x 10^5 cells/sample) 3 times with 1 mL of washing buffer [PBS containing 2% fetal calf serum (FCS)].
2) Add 20 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 5 min. at room temperature.
3) Add 40 µL of the primary antibody at the concentration as suggested in the **APPLICATIONS** diluted in the washing buffer. Mix well and incubate for 30 min. at room temperature.
4) Wash the cells once with 1 mL of the washing buffer.
5) Add PE-conjugated anti-rat IgG antibody diluted with the washing buffer. Mix well and incubate for 20 min. at room temperature.
6) Wash the cells once with 1 mL of the washing buffer.
7) 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 mouse Stabilin-2 in transfectant

Open: Anti-Stabilin-2 (Mouse) mAb（MBL, code no. D317-3）
Closed: Rat IgG2a (isotype control)（MBL, code no. M081-3）