

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

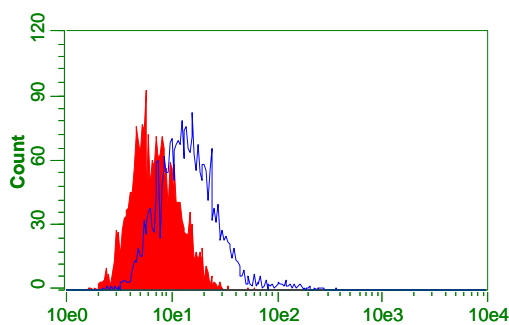
- 1) McMahan, R. H., *et al.*, *PLoS One* **11**, e0159217 (2016) [FCM]
- 2) Ohyagi, H., *et al.*, *Immunity* **39**, 584-598 (2013) [FCM]
- 3) Hirose, Y., *et al.*, *PNAS*. **109**, 4263-4268 (2012) [WB, Neut]
- 4) Nonaka, H., *et al.*, *Biochem. Biophys. Res. Commun.* **375**, 256-260 (2008) [IC, FCM]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

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Flow cytometric analysis

- 1) Wash the cells (3×10^5 cells/sample) 3 times with 1 mL of washing buffer [PBS containing 2% fetal calf serum (FCS)].
- 2) 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.
- 3) Add 40 μ L 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-rabbit 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 μ L 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)