

Anti-Mincle (Guinea pig) mAb

CODE No. D316-3

CLONALITY Monoclonal
CLONE 5H4
ISOTYPE Mouse IgG1 κ
QUANTITY 100 μ L, 1 mg/mL

SOURCE Purified IgG from hybridoma supernatant
FORMURATION 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 1-10 μ g/mL

SPECIES CROSS REACTIVITY on FCM

Species	Human	Mouse	Rat	Guinea Pig
Cell	Transfectant	Transfectant	NT	Transfectant
Reactivity	-	-	NT	+

REFERENCES

- 1) Miyake, Y., *et al.*, *Self Nonself*. **1**, 310-313 (2011)
- 2) Yamasaki, S., *et al.*, *PNAS* **106**, 1897-1902 (2009)
- 3) Ishikawa, E., *et al.*, *J. Exp. Med.* **206**, 2879-2888 (2009)
- 4) Yamasaki, S., *et al.*, *Nat. Immunol.* **9**, 1179-1188 (2008)

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RELATED PRODUCTS

D316-3	Anti-Mincle (Guinea pig) mAb (5H4)
D292-3	Anti-Mincle (Mouse) mAb (4A9)
M191-3	Atni-FcεR1γ (FcRγ) (Mouse) mAb (1D6)
M191-A48	Atni-FcεR1γ (FcRγ) (Mouse) mAb -Alexa Fluor® 488 (1D6)
M191-A59	Atni-FcεR1γ (FcRγ) (Mouse) mAb -Alexa Fluor® 594 (1D6)
M191-A64	Atni-FcεR1γ (FcRγ) (Mouse) mAb -Alexa Fluor® 647 (1D6)
PM068	Atni-FcεR1γ (FcRγ) (Mouse) pAb
D222-3	Anti-GITR (Mouse) mAb (DTA-1)
D203-3	Anti-IL-15 (Mouse) mAb (AIO.3)
D043-3	Anti-IL-18 (Human) mAb (25-2G)
D044-3	Anti-IL-18 (Human) mAb (125-2H)
D045-3	Anti-IL-18 (Human) mAb (159-12B)
D046-3	Anti-IL-18 (Mouse) mAb (39-3F)
D047-3	Anti-IL-18 (Mouse) mAb (74)
D048-3	Anti-IL-18 (Mouse) mAb (93-10C)
M138-3	Anti-IL-33 (Human) mAb (5H1)
M161-3	Anti-IL-33 (Mouse) mAb (4G4)
PM033	Anti-IL-33 (Human) pAb
D077-3	Anti-TLR4 (CD284) (Human) mAb (HTA125)
D205-3	Anti-TLR4 (CD284) (Mouse) mAb (UT49)
D079-3	Anti-TLR4-MD-2 complex (Mouse) mAb (MTS510)
D206-3	Anti-TLR4-MD-2 complex (Mouse) mAb (UT15)
M137-3	Anti-HMGB1 (HMG1) mAb (4C9)
D075-3	Anti-HMGB1 (HMG1) mAb (KS1)
D090-3	Anti-HMGB1/2 (HMG1/2) mAb (FBH7)

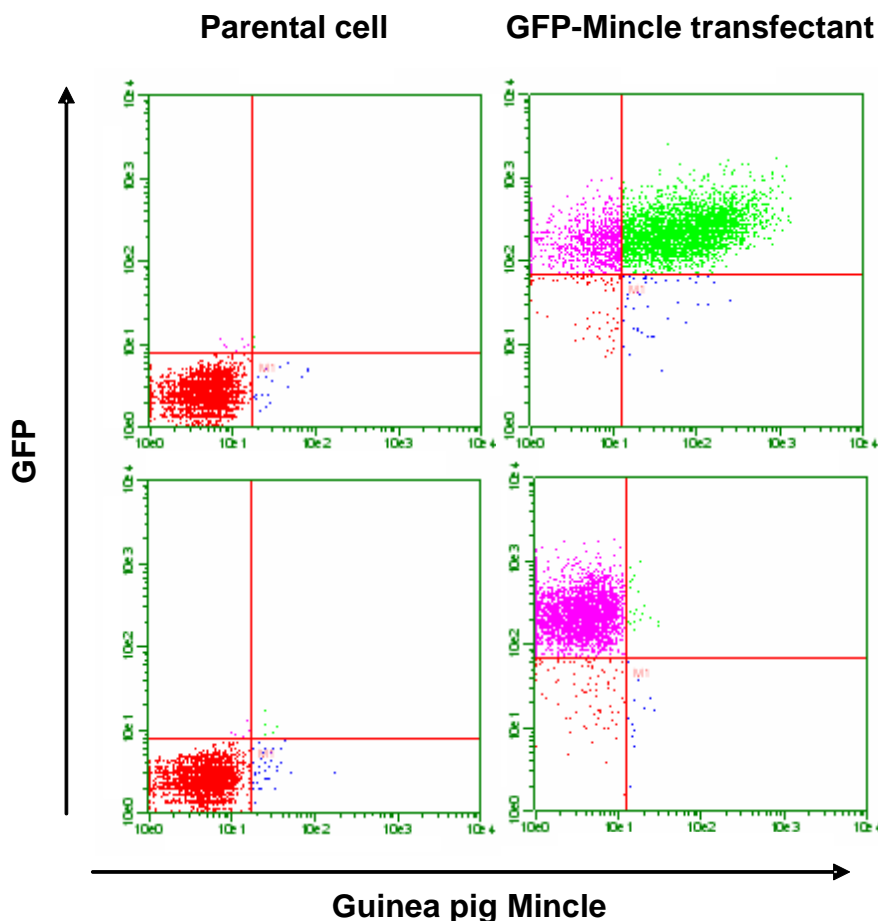
Other related antibodies and kits are also available.

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Flow cytometric analysis

- 1) Wash the cells (5×10^5 cells/sample) 3 times with 1 mL of washing buffer (PBS containing 2% fetal calf serum (FCS)).
- 2) Add 100 μ L of 4% paraformaldehyde (PFA)/PBS to the cell pellet after tapping. Mix well, then fix the cells for 10 min. at room temperature.
- 3) Wash the cells 1 time with 1 mL of washing buffer.
- 4) Add 10 μ L of normal goat serum to the cell pellet after tapping. Mix well and incubate for 10 min. at room temperature.
- 5) 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 room temperature.
- 6) Wash the cells 1 time with 1 mL of washing buffer.
- 7) Add 40 μ L of 1:100 Anti-IgG (H+L chain) (Mouse) pAb-PE (MBL; code no. IM-0855) diluted with the washing buffer. Mix well and incubate for 30 min. at room temperature.
- 8) Wash the cells 1 time with 1 mL of washing buffer.
- 9) 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 guinea pig Mincle in transfectant

Upper: Anti-Mincle (Guinea pig) mAb (D316-3)

Lower: Isotype control (M075-3)