

Anti-CD61 (GPIIIa) (Human) mAb-Biotin

CODE No. D281-6

CLONALITY Monoclonal
CLONE T74
ISOTYPE Mouse IgG1 κ
QUANTITY 50 μ g/50 μ L

SOURCE Purified IgG from hybridoma supernatant
IMMUNOGEN Human platelet
FORMULATION PBS (pH 7.2) containing 1% BSA and 0.1% ProClin 150
STORAGE This antibody solution is stable for one year from the date of purchase when stored at 4°C.

APPLICATIONS-CONFIRMED

Flow cytometry 1 μ g/mL (final concentration)
Sandwich CLEIA Can be used.

SPECIES CROSS REACTIVITY on FCM

Species	Human	Mouse	Rat	Hamster
Samples	Whole blood, PBMC, PC3	Not tested	Not tested	Not tested
Reactivity	+			

Entrez Gene ID 3690 (Human)

REFERENCES

- 1) Katagiri, Y., *et al.*, *J. Biol. Chem.* **270**, 1785-1790 (1995)
- 2) Prandini, M. H., *et al.*, *Biochem. Biophys. Res. Commun.* **156**, 595-601 (1988)
- 3) Zimrin, A. B., *et al.*, *J. Clin. Invest.* **81**, 1470-1475 (1988)
- 4) Kunicki, T. J., *et al.*, *J. Clin. Invest.* **67**, 717-724 (1981)

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RELATED PRODUCTSAntibodies

D281-6	Anti-CD61 (GPIIIa) (Human) mAb-Biotin (T74)
D281-3	Anti-CD61 (GPIIIa) (Human) mAb (T74)
D281-A48	Anti-CD61 (GPIIIa) (Human) mAb -Alexa Fluor [®] 488 (T74)
D281-A64	Anti-CD61 (GPIIIa) (Human) mAb -Alexa Fluor [®] 647 (T74)
MEX001-3	Anti-CD9 mAb (A100-4)
MEX001-4	Anti-CD9 mAb-FITC (A100-4)
MEX001-6	Anti-CD9 mAb-Biotin (A100-4)
MEX001-12	Anti-CD9 mAb-ALP (A100-4)
MEX002-3	Anti-CD63 (LAMP-3) mAb (C047-1)
MEX002-4	Anti-CD63 (LAMP-3) mAb-FITC (C047-1)
MEX002-6	Anti-CD63 (LAMP-3) mAb-Biotin (C047-1)
MEX002-12	Anti-CD63 mAb-ALP (C047-1)
MEX003-3	Anti-CD81 (TAPA1) mAb (A103-10)
MEX003-4	Anti-CD81 (TAPA1) mAb-FITC (A103-10)
MEX003-6	Anti-CD81 (TAPA1) mAb-Biotin (A103-10)
MEX003-12	Anti-CD81 (TAPA1) mAb-ALP (A103-10)
MEX004-6	Anti-CD326 (EpCAM) mAb-Biotin (B8-4)
D252-3	Anti-CD9 (Human) mAb (10H6)
D252-5	Anti-CD9 (Human) mAb-PE (10H6)
D131-3	Anti-CD9 (Mouse) mAb (JF9)
D131-4	Anti-CD9 (Mouse) mAb-FITC (JF9)
D263-3	Anti-CD63 (LAMP-3) (Mouse) mAb (R5G2.1)
D082-3	Anti-CD151 (SFA-1) (Human) mAb (SFA1.2B4)
D082-5	Anti-CD151 (SFA-1) (Human) mAb-PE (SFA1.2B4)
D050-3	Anti-CD29 (Integrin β 1) (Human) mAb (AG89)
D050-5	Anti-CD29 (Integrin β 1) (Human) mAb-PE (AG89)
D276-3	Anti-CD36 (GPIV) (Human) mAb (GS95)
D276-A48	Anti-CD36 (GPIV) (Human) mAb -Alexa Fluor [®] 488 (GS95)
D276-A64	Anti-CD36 (GPIV) (Human) mAb -Alexa Fluor [®] 647 (GS95)
D269-3	Anti-EpCAM (CD326) (Mouse) mAb (2-17-F1)
K0142-3	Anti-PSMA (Human) mAb (107-1A4)
K0142-4	Anti-PSMA (Human) mAb-FITC (107-1A4)
K0142-5	Anti-PSMA (Human) mAb-PE (107-1A4)
K0142-6	Anti-PSMA (Human) mAb-Biotin (107-1A4)
M075-6	Mouse IgG1 (isotype control)-Biotin (2E12)

Kits

MEX-SA	ExoCap™ Streptavidin Kit
MEX-SA123	ExoCap™ Streptavidin CD9/CD63/CD81 Set-Biotin
MEX-E	ExoCap™ Nucleic Acid Elution Buffer
MEX1001	ExoDiluent for Immunoassay

Equipment

3190	Magnetic Rack
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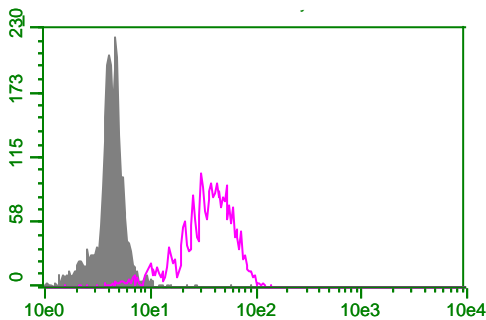
Other related antibodies and kits are also available.

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Flow cytometric analysis

- 1) Wash the cells (2.5×10^5 cells/sample) 3 times with 1 mL of washing buffer [PBS containing 2% fetal calf serum (FCS)].
- 2) Add 10 μ L 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 30 μ L of primary antibody diluted with washing buffer as suggested in the **APPLICATION**. Mix well and incubate for 30 min. at room temperature.
- 4) Wash the cells 1 time with 1 mL of washing buffer.
- 5) Add 30 μ L of 1:100 Streptavidin-DTAF diluted with washing buffer. Mix well and incubate for 15 min. at room temperature.
- 6) Wash the cells 1 time 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; PC3)



Flow cytometric detection of human CD61 (GP11a) expressed on PC3 cells

Open: Anti-CD61 (GP11a) (Human) mAb-Biotin (D281-6)

Closed: Mouse IgG1 (isotype control)-Biotin (M075-6)