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

Anti-CD36 (GPIV) (Human) mAb-Biotin

CODE No. M232-6

CLONALITY Monoclonal
CLONE 1-3
ISOTYPE Mouse IgG2b κ
QUANTITY 50 µg/50 µL

SOURCE Purified IgG from hybridoma supernatant
IMMUNOGEN Human CD36 expressed 293T transfectants
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 µg/mL (final concentration)
Sandwich CLEIA	Can be used.

SPECIES CROSS REACTIVITY on FCM

Species	Human	Mouse	Rat	Hamster
Samples	HEL	Not tested	Not tested	Not tested
Reactivity	+			

Entrez Gene ID 948 (Human)

REFERENCES

1) Srikanthan, S., *et al*., *J. Thromb. Haemost.* **12**, 1906-1917 (2014)
2) Welton, J. L., *et al*., *Mol. Cell Proteomics* **9**, 1324-1338 (2010)
3) Admyre, C., *et al*., *J. Immunol.* **179**, 1969-1978 (2007)

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RELATED PRODUCTS

Antibodies

M232-6	Anti-CD36 (GPIV) (Human) mAb-Biotin (1-3)
M232-3	Anti-CD36 (GPIV) (Human) mAb (1-3)
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 β1) (Human) mAb (AG89)
D050-5	Anti-CD29 (Integrin β1) (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)
M077-6	Mouse IgG2b (isotype control)-Biotin (3D12)

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

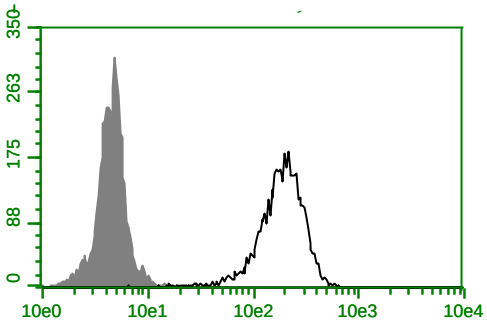
3190	Magnetic Rack

Other related antibodies and kits are also available.
Please visit our website at http://ruo.mbl.co.jp/

Flow cytometric analysis

1) Wash the cells (1 x 10^5 cells/sample) 3 times with 1 mL of washing buffer [PBS containing 2% fetal calf serum (FCS)].
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 30 μL 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 μL 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 μL of the washing buffer and analyze by a flow cytometer.

(Positive control for Flow cytometry; HEL)



Flow cytometric detection of human CD36 (GPIV) expressed on HEL cells

Open: Anti-CD36 (GPIV) (Human) mAb-Biotin (M232-6)
Closed: Mouse IgG2b (isotype control)-Biotin (M077-6)