

Anti-CD63 (LAMP-3) mAb-FITC

CODE No.	MEX002-4
CLONALITY	Monoclonal
CLONE	C047-1
ISOTYPE	Mouse IgG2b κ
QUANTITY	100 μ L, 500 μ g/mL
SOURCE	Purified IgG from hybridoma supernatant
IMMUNOGEN	Human prostate carcinoma cell line (PC3) derived exosomes (prepared by ultracentrifugation from cultured supernatant)
FORMURATION	PBS 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.

APPLICATION-CONFIRMED

Flow cytometry 5 μ g/mL

SPECIES CROSS REACTIVITY on FCM

Species	Human	Monkey	Mouse	Rat	Hamster
Cells	HeLa, HEK293T	Not tested	Not tested	Not tested	Not tested
Reactivity	+				

Entrez Gene ID 967 (Human)

REFERENCES

- 1) Melo, S. A., *et al.*, *Nature* **523**, 177-182 (2015)
- 2) Yoshioka, Y., *et al.*, *Nat. Commun.* **5**, 3591 (2014)
- 3) Pols, M. S. and Klumperman, J., *Exp. Cell Res.* **315**, 1584-1592 (2009)
- 4) Simons, M. and Raposo, G., *Curr. Opin. Cell Biol.* **21**, 575-581 (2009)
- 5) Liu, Y., *et al.*, *J. Exp. Med.* **204**, 93-103 (2007)
- 6) Kabu, K., *et al.*, *J. Immunol.* **177**, 1296-1305 (2006)
- 7) Nishida, K., *et al.*, *J. Cell Biol.* **170**, 115-126 (2005)
- 8) Mitsunari, T., *et al.*, *Mol. Cell. Biol.* **25**, 9318-9323 (2005)

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RELATED PRODUCTS

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MEX001-4	Anti-CD9 mAb-FITC (A100-4)
MEX001-6	Anti-CD9 mAb-Biotin (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)
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)
MEX004-6	Anti-EpCAM mAb-Biotin (B8-4)
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D252-5	Anti-CD9 (Human) mAb-PE (10H6)
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D131-4	Anti-CD9 (Mouse) mAb-FITC (JF9)
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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 ² 1) (Human) mAb (AG89)
D050-5	Anti-CD29 (Integrin ² 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)
M077-4	Mouse IgG2b (isotype control)-FITC (3D12)

Kits

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EX-C63-SP	ExoCap [™] CD63 Kit for Serum Plasma
EX-C81-SP	ExoCap [™] CD81 Kit for Serum Plasma
EX-EPC-SP	ExoCap [™] EpCAM Kit for Serum Plasma
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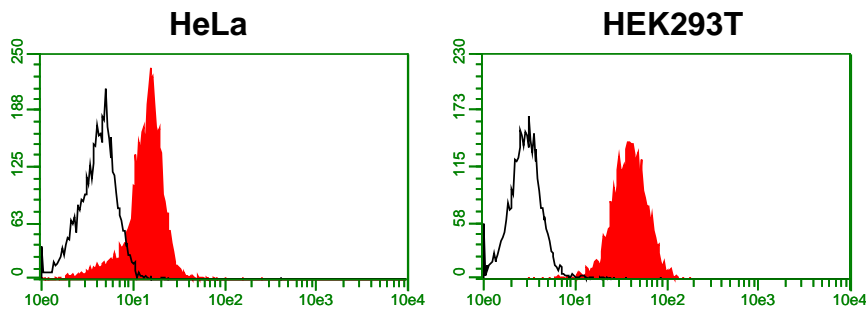
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Flow cytometric analysis

- 1) Wash the cells (5×10^5 cells/sample) 1 time with 1 mL of washing buffer [PBS containing 2% fetal calf serum (FCS)].
- 2) Add 10 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 10 min. at room temperature.
- 3) Add 30 μ L of the primary antibody at the concentration as suggested in the **APPLICATION** diluted with washing buffer.
- 4) Mix well and incubate for 30 min. at room temperature.
- 5) Wash the cells 1 time with 1 mL of washing buffer.
- 6) Resuspend the cells with 500 μ L of the washing buffer and analyze by a flow cytometer.

(Positive controls for Flow cytometry; HeLa and HEK293T)



Flow cytometric detection of human CD63 (LAMP-3)

Left: HeLa

Right: HEK293T

Open: Mouse IgG2b (isotype control)-FITC (M077-4)

Closed: Anti-CD63 (LAMP-3) mAb-FITC (MEX002-4)